



CORPORATION OF GLASGOW

Health and Welfare Department

SCHOOL HEALTH SERVICE

REPORT

ON THE

Medical Inspection and Treatment of School Children

FOR THE YEAR ENDED 31st JULY, 1960

Ordered by the Committee on Health and Welfare to be printed



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GENERAL INTRODUCTION

This Report is the fifty-first since the establishment of medical inspection in Glasgow in the year 1909, the thirtieth since the transfer to the Health Department of the Corporation in 1930 and the twenty-second since the form of report was re-cast following the introduction throughout the country of a uniform method of recording at the request of the Department of Health for Scotland.

The staff of School Medical Officers was unchanged throughout the year but shortages prevailed amongst most other groups. A new treatment centre, the Stuart Laidlaw Clinic, was opened at Drumchapel, replacing a temporary clinic.

More children in the systematic age-groups were examined and the total of "other examinations" was also increased. The increased birthrate after the war was reflected in the larger numbers of 13-year-old children inspected. The results of routine medical inspection were very satisfactory indeed, the percentage (53·0) with no discoverable defect being the highest ever recorded in these Reports. Average measurements did not show the same spectacular improvement except for boys (height and weight) in the third age-group and girls (weight only) of similar age.

Cleanliness of school children seen at routine medical inspection by School Medical Officers was much improved, the percentage being the best since 1950. Cleanliness inspectresses reported some improvement among the boys, whilst the scheme of cleanliness supervision in selected schools was moderately successful.

The proportion of children found to be protected against diphtheria was improved but was still not high enough, particularly as regards children who had entered school for the first time. The proportion protected against smallpox was even less satisfactory and, here again, the percentage for infants was poor.

On the treatment side, fewer new cases were seen for most of the listed ailments, particularly in respect of defective vision and ear, nose and throat conditions, due to the continued lack of specialists. Also, fewer tonsil/adenoid operations were performed owing to a further

reduced hospital intake of such cases. At the time of writing the position as regards the provision of additional specialists had improved but not the hospital accommodation, although representation had again been made to the Hospital Board Organisation.

Clinic attendances were more numerous over all reductions in some groups being offset by comparatively large increases in others—skin conditions and “other diseases” mainly.

Dental inspections were slightly increased and it was notable that fewer pupils were found to be in need of treatment whilst there was a gratifyingly increased acceptance rate. Fewer cases were treated but there was a continued improvement in the proportion of fillings to extractions. For the first time in these Reports, statistics are arranged to show separately details of treatment for orthodontic purposes.

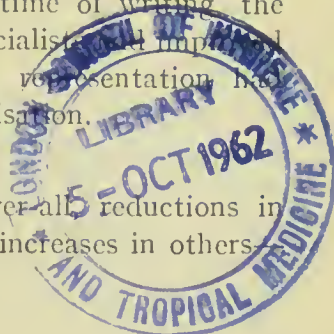
The various measures aimed at the prevention of tuberculosis were continued, including the X-raying of teachers and other adults associated with school children in the course of their duties.

The diphtheria immunisation “drive” in schools was most successful, the total number of inoculations being the highest ever recorded.

The audiometric survey scheme continued on the same lines as in the previous year, but fewer children were threshold tested, some because of failure to attend and others due to postponement whilst awaiting T. and A. operation.

Fewer deaths among school children were recorded. Fatalities due to road traffic accidents were unimproved and there were more deaths from circulatory disease and malignancy. Fewer, however, died from mental and respiratory conditions and, for the seventh successive year, no deaths from diphtheria were reported.

All the usual details in connection with the other schemes for which the Service is responsible are included in this Report, but in summarised fashion, as full information is only provided quinquennially and was last given in the 1959 Report.



It is a pleasure to acknowledge again the support, interest and encouragement of the Convener and members of the Education Committee, to thank the Director of Education and his staff for their consideration and assistance, the teachers for their ready co-operation, the medical, dental and nursing staff for their excellent work and continued loyalty and co-operation and, finally, I am much indebted to Mr. James A. Stewart, Assistant Administrative Officer, for his work in collecting and arranging the material in the preparation of this Report.

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13th April, 1961.

1.—LIST OF STAFF

(a) Whole Time Staff

1 Principal Medical Officer ; 2 Assistant Principal Medical Officers (1 for Child Guidance Work) ; 20 School Medical Officers ; 1 Chief Dental Officer ⁽¹⁾ ; 16 School Dental Officers ⁽²⁾ ; 1 Superintendent School Nurse ; 74 Nurses (comprising 43 School Nurses and 31 other Nurses, 7 of whom were employed as Cleanliness Inspectresses) ⁽³⁾ ; 9 Speech Therapists ⁽⁴⁾ ; Occupational Therapist (post vacant) ⁽⁵⁾ ; 12 Physiotherapists (including 5 Physical Training Teachers seconded to Orthopaedic Clinics) ⁽⁶⁾ ; 3 Audiometricians ; 5 Dental Technicians ; 1 Dispensing Optician (seconded by the Western Regional Hospital Board) ; 1 Assistant Administrative Officer ; 33 Clerks ⁽⁷⁾ ; 19 Dental Attendants ⁽⁸⁾.

⁽¹⁾ *Mr. James A. Gale retired and Mr. David MacLaren was appointed 17.3.60.*

⁽²⁾ *Miss Margaret Watters was appointed 1.9.59 and resigned 29.3.60. Messrs. William Thom and Alexander Lyall retired respectively 2.9.59 and 5.3.60. Mrs. Marguerite Ford was appointed 1.3.60.*

⁽³⁾ *During the Session 22 Nurses (including 12 Trainee Health Visitors) were appointed and a similar number left the Service.*

⁽⁴⁾ *4 Speech Therapists left and 4 were appointed.*

⁽⁵⁾ *The Occupational Therapist resigned 30.6.60.*

⁽⁶⁾ *2 Physiotherapists left and 3 were appointed.*

⁽⁷⁾ *5 Clerks left and 3 were appointed.*

⁽⁸⁾ *2 Dental Attendants left and 2 were appointed.*

(b) Part-Time Staff

1 School Medical Officer ; 2 Dental Officers (including one employed on Ante-Natal Work only) ; 14 Consultants ⁽¹⁾.

⁽¹⁾ *All are seconded to School Health Service work by arrangement with the Western Regional Hospital Board (6 Oculists, 4 Aurists, 1 Cardiologist, 1 Dermatologist, 1 Anaesthetist, 1 Orthopaedic Surgeon).*

Local doctors and dentists undertook emergency duties at the residential schools and at Mossbank Approved School in accordance with separate arrangements made with the local Executive Councils.

Of the total of 10,922 periods (half-days) worked by School Medical Officers, 7,994 were given to medical inspection and treatment and 2,928 periods were devoted to other work as follows :—residential school examinations, 408 ; examinations in connection with school,

etc., camps, holidays abroad and educational excursions, 342 ; diphtheria immunisation, 804 ; mental defect and child guidance examinations, 879 ; general inspection in schools, 230 ; examinations of School Meals Service Staff, 100 ; B.C.G. vaccination, 121 ; poliomyelitis vaccination, 23 and 21 periods to examinations of pre-vocational students.

Included in the working periods shown above is the time spent on administrative duties by the Principal Medical Officer and the Assistant Principal Medical Officer (General) as well as half-days devoted to the meetings of medical staff.

2.—GENERAL STATISTICS

Area of City in acres	...	...	...	...	39,729
Population of the area (estimated)	...	...	...	...	1,075,800
Density of Population per acre	...	...	...	...	27
Number of Schools—						
(a) Primary	...	...	...	...	199
(b) Secondary	...	...	...	...	78
(c) Schools for Handicapped Children					23	
(d) Approved Schools	...	...	...	...	1
(e) Residential Schools	...	...	...	...	13
(f) Nursery Schools	...	...	...	...	41
(g) Hospital Schools	...	...	...	...	7
(h) Agricultural Schools	...	...	...	...	1
(i) Gardening Schools	...	...	...	...	1
Total Schools Under						
Education Authority					...	364
(j) Schools in receipt of grant and						
under medical inspection	...	...	...	...	7

371

There were also 11 Occupational Centres house in ordinary schools.

During the Session 8 primary schools were closed, 5 of these being due to amalgamation.

The average number of children on the register of all schools was 179,616 and the average number in attendance during the year was 162,827 (90.6 per cent.).

3.—**SANITARY CONDITION OF SCHOOLS**

See Report for 1959, page 12.

During the Session, 223 visits were paid to 194 schools and the following is a summary of the conditions found. " Nothing to report " was returned in 14 instances and the principal defects discovered in the remainder were : inadequacy of washing facilities (89) ; disrepair of playground surfaces and lack of sufficient shelters (58) ; absence or inadequacy of medical inspection room (65) ; insufficiency of cloakroom accommodation (43) ; defects of lighting and heating (49) ; overcrowding in classrooms and dining rooms (18) ; insufficiency of staff room accommodation (33) ; defects of W.C.'s and lavatories (85) ; defective ventilation (23) ; disrepair and inadequacy of drinking fountains (11). Other complaints included various structural defects (35). disrepair of flooring (16) and miscellaneous defects (16).

4.—**ORGANISATION AND ADMINISTRATION**

A. SYSTEM AND EXTENT OF MEDICAL INSPECTION AND TREATMENT

See Report for 1959, page 12.

INSPECTION

Routine Medical Inspection in ordinary schools was given to Entrants-Infants and those born in 1946, 1950 and 1943 ; nurses tested, for vision and hearing only, those born in 1952. In addition Routine Medical Inspection was carried out in schools and classes for handicapped children.

Other arrangements were broadly similar to those which obtained in the previous year.

TREATMENT

A list of the school clinics and services given were as follows :—

CLINIC				Skin, Eye, Ear and other minor diseases	Refraction	Dental	X-Ray (Skin Treatment)	Ultra-violet Ray	Orthopaedic	Scabies Baths
80/90 Kinfauns Drive, W.5	...	...	...	1	1	1	—	—	1	—
18 Plean Street, W.4	...	...	...	1	—	1	—	—	—	—
4 Sandy Road, W.1	...	...	...	1	1	1	—	—	—	—
130 William Street, C.3	...	...	...	1	1	1	1	—	—	—
91 Denmark Street, N.2	...	...	...	1	1	2	—	—	—	—
Hyde Park School, N.1	...	...	...	1	1	1	—	—	—	—
15 Glenbarr Street, N.1	...	...	...	1	1	4	—	1	1	1
60 Avenuepark Street, N.W.	...	...	...	1	1	1	—	—	1	—
Burnbank School, N.W.	...	...	...	1	—	—	—	—	—	—
Dobbie's Loan School, C.4	...	...	...	1	—	—	—	—	—	—
5 Craiglockhart Street, E.3	...	...	...	1	—	—	—	—	—	—
74 Wellhouse Crescent, E.3	...	...	...	1	—	—	—	—	—	—
155 Crail Street, E.1	...	...	...	1	1	2	—	—	—	—
23 Acorn Street, S.E.	...	...	...	1	1	—	—	—	—	—
10 Redan Street, S.E.	...	...	...	—	—	1	—	—	—	—
22 Arnprior Quadrant, S.5	...	...	...	1	1	—	—	—	—	—
20 Harriet Street, S.3	...	...	...	1	1	1	—	—	1	—
Calder Street School, S.2	...	...	...	—	—	1	—	—	—	—
26 Florence Street, C.5	...	...	...	1	1	2	—	1	1	1
Netherplace Road, S.W.3	...	...	...	1	1	1	—	—	—	—
74 Berryknowes Road, S.W.2	...	...	...	1	—	—	—	—	—	—
Fairfield School, S.W.1	...	...	...	—	—	1	—	—	—	—
Broomloan Road School, S.W.1	...	...	...	1	—	—	—	—	—	—
29 Govan Road, S.W.1	...	...	...	1	1	1	—	—	—	—

The Stuart Laidlaw Clinic, Kinfauns Drive, was opened on 19.11.59, replacing the Halbeath Avenue centre.

William Street, Glenbarr Street " B " and Calder Street Dental Clinics functioned part-time only for varying periods and Crail Street " A " resumed full-time 1.3.60.

Florence Street " A " and " B " Dental Clinics were merged 18.2.60.

Other treatment facilities provided were as before.

B. SYSTEM AND EXTENT OF DENTAL INSPECTION AND TREATMENT

See Report for 1959, page 16.

As from 26.9.59, one period per month at the general anaesthetic clinic was devoted to ante-natal cases ; otherwise the scheme continued unchanged except for temporary modifications due mainly to staffing conditions.

Extracts from the Chief Dental Officer's report on the year's work appear on page 30 and the detailed statistics in Table V, pages 64-67.

C. SCHOOL NURSING AND ARRANGEMENTS FOR FOLLOWING UP

See Report for 1959, page 17.

During the 1959/60 Session, the nursing staff, including the Superintendent, devoted 25,407 periods (half-days) to the work of medical inspection and treatment of children; 380 periods to examinations in connection with holidays abroad, educational excursions, junior club and school camps; 234 to the examination of children proposed for admission to residential schools; 837 to diphtheria immunisation; 78 to examinations of school meals staff; 148 to poliomyelitis vaccination; 1,869 to cleanliness inspection; 3,898 to nursing at special schools and 3,233 periods to visiting, etc.—total periods 36,084. Visits totalled 13,211 of which 10,680 were home visits; nurse inspectresses from the Sanitary Divisions also visited homes in connection with uncleanness discovered in schools.

During the same period dental attendants devoted 7,847 periods (half-day) to the work of Routine Inspection and clinic treatment and 366 to treatment of ante-natal cases.

D. CO-ORDINATION WITH THE PUBLIC HEALTH SERVICE AND WITH OTHER DEPARTMENTS OF THE AUTHORITY WHICH RENDER SERVICES TO CHILDREN

See Report for 1959, page 18.

Details of the annual *B.C.G. vaccination* campaign are given in Appendix VIII, page 73 and particulars of the *diphtheria immunisation* "drive" in schools are shown in Appendix X, page 76. The *polio-myelitis vaccination* campaign was extended to include 26-year-olds and subsequently 40-year-olds who were inoculated at evening sessions in clinics, further education centres and dance halls. School Medical Officers took part in the campaign and were responsible for giving 14,629 injections.

During six weeks in July-August, 1960, arrangements were made for children suffering from otorrhoea, epilepsy and diabetes to spend a holiday in Seafield Residential School, Ardrrossan, and staff in attendance included medical and nursing personnel from the School

Health Service. The numbers accommodated were; from 4th to 16th July, 42 otorrhoea and 12 diabetic cases; from 19th to 30th July, 15 otorrhoea and 35 epileptics and from 1st to 13th August, 49 with otorrhoea. In 4 instances, parents accompanied the children as escorts.

In connection with the medical examination of employees and candidates for posts in *School Meals Kitchens*, 1,112 persons were summoned. Of the 1,023 who attended the results were as follows :—

New Staff.—361 were examined, of whom 61 were considered unfit by reason of the following defects : skin condition, 1 ; general condition, 10* ; heart condition, 2 ; ear condition, 5* ; chest condition, 8* ; oral condition, 2* ; defective hygiene, 11* ; mental condition, 1 ; varicose veins, 1 ; defective vision, 4* ; bronchitis, 1 ; cancer, 2 ; unsatisfactory X-ray, 1 ; albuminuria, 2 ; hypertension, 7 ; diabetes, 1 ; goitre, 1 ; anaemia, 1.

Old Staff.—666 were examined, 13 of whom were considered unfit by reason of the following defects : heart condition, 3‡ ; general condition, 1† ; bronchitis, 1† ; severe cold, 1† ; skin condition, 2‡ ; ear condition, 1 ; defective hygiene, 1‡ ; goitre, 1† ; arthritis, 1 ; hypertension, 1.

* Seven of these women were later accepted for employment, two of defective vision and one each of the others.

† These persons later returned to duty.

‡ One of each of these later returned to duty.

Information regarding the X-ray examination of dining room attendants, special school van attendants, school milk attendants and nursery school staffs is given in Appendix VII.

Students to the number of 665 attending *pre-vocational courses* were medically examined.

E. CO-OPERATION WITH OTHER OUTSIDE AGENCIES

See Report for 1959, page 24.

By arrangement with *Glasgow University*, 11 D.P.H. students visited a number of schools and school clinics.

In connection with a follow-up of small premature babies, sponsored by the *Medical Research Unit*, Department of Child Health, Guy's Hospital, 46 houses were visited.

Infectious disease hospitals referred 106 children who were post-pneumonia cases to the School Health Service clinics for examination and after-care. Of the number reported, 19 failed to appear or intimated that they were receiving private treatment, 5 were found to be requiring no further attention, 25 were dealt with at “general” school clinics and 9 were recommended for convalescent holidays. The remaining 48 were placed on the list for artificial light therapy.

School clinics referred to hospital 428 cases (276 boys and 152 girls), the ailments from which they suffered being as follows :—

<i>Skin—</i>					Boys	Girls
Wounds, etc. (minor injuries)	...	...	...	...	157	98
Fractures	...	...	...	...	9	5
Other skin conditions	...	...	...	...	51	23
<i>General</i>	...	...	...	...	24	8
<i>Eye</i>	...	...	...	...	24	10
<i>Ear, Nose and Throat</i>	...	...	...	...	11	8
					<hr/> 276	<hr/> 152

During the year 297 children were summoned to school clinics for preliminary medical examination and of the 200 who attended, 178 were considered suitable for admission to *Biggart Hospital Home, Prestwick*.

No request was received from the University Settlement for examination of children for the *Children's Village, Humbie*, during the year.

In May, 1960, at the request of the County Medical Officer of Health for Argyll, two audiometricians visited Dunoon, Oban and Campbeltown, to conduct audiometric surveys of school children aged six years. In all, 318 pupils were tested, of which number 27 failed to pass the test.

F. CO-OPERATION WITH TEACHERS AND PARENTS

See Report for 1959, page 118.

The willing co-operation of the teaching staffs was again made available throughout the year and proved invaluable in facilitating the operation of the various schemes relating to the health and well-being of the pupils.

Attendances of parents at the Routine Medical Inspection of their children were fewer, the percentage being the smallest for some years.

5.—THE FINDINGS OF MEDICAL INSPECTION

GENERAL REVIEW

(Detailed statistics on pages 37-63.)

The average number of pupils on the register of all schools during 1960 was 179,616 compared with 179,249 in 1959 and 178,634 in 1958.

Table I (pages 37 and 38) gives the total number of school children examined in the stated age-groups during the course of the year ended 31st July, 1960 ; relative statistics are also given for each of the two immediately preceding years. In "ordinary" schools 53,301 pupils were systematically examined, the total being the highest since 1957 which was the previous highest for many years. The number seen at special schools was slightly greater than in 1959.

Other examinations *in schools* showed a slight increase over the 1959 total, "abnormals" being mainly responsible. Examinations *mainly at clinics* were also slightly increased, the total being the highest since 1956 ; the continued rise in the number of residential school examinations was notable. *Cleanliness inspections* by nurses were the highest in any year since 1954.

Appendix Ia, page 39, gives the numbers and percentages of children notified to parents as in need of treatment for certain conditions observed at routine examination. Notifications were the smallest in number ever recorded. Appendix IIa, page 50, provides more details concerning notifications to parents.

Appendix Ib, page 40, shows the age distribution of children seen at the date of systematic examination. Only the second age-group showed reduced numbers and these mainly involved pupils aged 10 years at the time of examination.

In Table II, pages 42 to 48, the results of systematic examination of children in "ordinary" schools during the year are arranged to show the numbers and percentages of the children in selected age-groups who were found to be suffering from one or more of the listed defects. Totals for the years 1959 and 1958 are supplied for comparison. The following are some brief notes on the tabulated information.

Unsatisfactory clothing remained at the same low percentage (0.1), equalling the previous best.

Unsatisfactory footgear was discovered in very few instances, giving a negligible percentage.

Uncleanliness (7.2 per cent.) showed a decided improvement, the percentage being the best since 1950.

Skin diseases (3.5 per cent.) were fewer than in 1959 but were still high compared with other years. The reduction was due to fewer "others" cases (mainly acne, warts, ulcers and abscesses).

Defective nutrition (2.5 per cent.) improved to the best ever recorded percentage for this condition.

Mouth and teeth unhealthy (oral sepsis) at 1.3 per cent. showed a similar improvement.

Naso-pharyngeal defects (8.3 per cent.) were smaller than in any post-war year.

External eye diseases (4.0 per cent.) were less numerous than in any previous year since 1949, blepharitis being responsible for the improvement.

Defective vision (11.6 per cent.) was again much improved, the percentage being the lowest ever recorded.

Ear conditions (1.2 per cent.) were the smallest in number since 1950.

Speech defects (0.8 per cent.) were fewer than in 1959 due to considerable reduction in the number of defective articulation cases.

Mental and Nervous conditions (0.4 per cent.) showed no change.

Diseases of the circulatory system (1.2 per cent.) were similarly unchanged compared with previous years.

Lung diseases (2.9 per cent.) were fewer than in any previous year since 1952, the fall in catarrhal conditions being mainly responsible.

Deformities (2.0 per cent.) gave the lowest percentage since 1954.

Infectious diseases and *diabetes* again returned negligible percentages.

Asthma (0.5 per cent.) was unchanged compared with 1959 and *other diseases or defects* (3.8 per cent.) were similarly unchanged.

Appendix IIa, page 50, gives additional information extracted from the returns of routine medical inspection. The *attendance of parents* at the examination of their children showed a deterioration. *Notifications to parents* regarding the various defects found at inspection

were fewer on the whole. Fewer children were *noted for re-inspection* of clothing and *exclusions from attendance at school* were unchanged from the 1959 figure. The percentage (53·0) of children with *no recorded defect* was the best ever given in these Reports. *Sound teeth* showed an improved percentage and a similar improvement was noted in connection with the *visual acuity* of children not owning glasses. *Diphtheria immunisation* (85·7 per cent.) showed a welcome improvement but *vaccination against smallpox* (58·5 per cent.) showed some decline—in both instances the proportion of infants protected being particularly unsatisfactory.

Appendix IIb, page 52, details the results of the partial examination of children born in 1952 and also gives the totals of the two previous years for comparison. The percentage for visual acuity was lower than in 1959 but for hearing there was no change.

Appendix IIc, page 53, gives particulars of the average heights and weights of children measured at routine medical inspection in 1960 and for each of the years back to 1951. The results were variable, only the measurements of the 13-year-olds showing more or less consistent improvement.

Table III, page 56, classifies the results of systematic medical inspection according to the remediability of the major defects observed in the children. the percentage (67·3) of children free from defects (other than clothing, cleanliness and minor dental defects) showed a decided improvement, equalling the percentage for 1953 which was the best recorded in any year since the introduction of this particular Table in 1939. As mentioned in connection with Appendix IIa, the percentage of children with no defect whatsoever was also the highest ever recorded.

Appendices IIIa and IIIb give particulars of certain “other examinations” listed in Table I. Appendix IIIc details the results of cleanliness inspection by nurses who reported some improvement among the boys. Appendix IIId summarises the findings of the year’s work in the “hygiene units” which were fairly satisfactory.

The returns of medical inspection in nursery schools are summarised in Appendix VII, page 71, and Appendix VIII describes the measures adopted for the prevention of tuberculosis among school children. Appendix IX, page 76, gives a brief note on the medical supervision of the Remand Home and Appendix XIV shows the relationship between the parent’s occupation and the remediability classes of Table III.

6.—MEDICAL TREATMENT

GENERAL REVIEW

(Detailed statistics on pages 18 to 30 and 77 to 85.)

See Report for 1959, page 30.

In the aggregate, fewer new cases were treated due principally to staff shortages (mostly of specialists). All-over attendances at clinics were higher than for some time, reductions in some groups being offset by comparatively large increases in other groups. Brief explanatory notes on each section of defects are given below.

Cuts, bruises, minor injuries, etc., were again more numerous and new cases were, in fact, seen more frequently than in any previous year with the sole exception of 1957.

More new *ear disease* cases were seen by School Medical Officers and specialists. Slightly fewer cases, however, were treated at clinics than in 1959, but were otherwise the greatest in number for some years back. Total attendances were reduced due to improved methods of treatment. Otorrhoea cases were less frequently seen than in any previous year.

More *defective hearing* cases were seen for the purpose of grading as to special education, but the total of defective hearing cases seen throughout the year was reduced, mainly in connection with the audiometric survey scheme.

Eye diseases were the lowest for many years, blepharitis showing a considerable fall, but conjunctivitis exhibiting a slight rise.

Skin diseases continued to increase, new cases and attendances at clinic being the highest for many years. Ulcers/abscesses were mainly responsible.

A further reduction in the number of *defective vision* cases seen and dealt with was again due entirely to the difficulty of obtaining sufficient staff for this work. Fewer cases were seen than in any year since 1949 and the number supplied with spectacles was similarly reduced. Perhaps surprisingly, repairs and replacements showed some increase.

Tonsil/adenoid operations were performed less frequently, the total being the smallest since 1940 due to lack of hospital accommodation allocated for this purpose. The specialists also examined fewer cases but other ear, nose and throat operations were slightly increased.

Fewer *orthopaedic* cases were admitted to hospital and fewer were examined at school clinics. The number of new cases put on treatment was also down but total attendances were the highest since 1953. Fewer paralytic and foot deformity cases were seen at clinics.

General diseases were increased, the number being the highest in any year since 1948, whilst total attendances showed a similar rise. Anaemia/debility and "single-visit" cases were mainly responsible.

Artificial light treatment cases were more numerous than in 1959 but were otherwise smaller compared with previous years.

At the special *cardiac clinic* more new cases were examined by the specialist—the highest since 1956.

More treatments were given at *special schools* by nurses than in the previous year.

The number of *speech defect* cases dealt with was increased but the total treatments were down.

The *diphtheria immunisation campaign* in schools was a great success, the numbers inoculated being the greatest ever recorded.

(A) MINOR AILMENTS

Throughout the treatment tables, "Single visit cases" included those treated and disposed of at first visit, cases not for treatment, and cases without apparent disease.

(1) CUTS, BRUISES, SPRAINS, MINOR INJURIES, ETC.

Details of new cases—		1960		1959	1958
		Boys	Girls	Totals	Totals
Cuts, bruises, sprains, etc.		2,290	1,238	3,528	3,469
Burns and scalds		214	172	386	364
Totals		2,504	1,410	3,914	3,833
					3,673

The attendances are included with those for skin conditions (page 21).

(2a) DISEASES OF THE EAR

Examined only

	1960			1959	1958
	Boys	Girls	Totals	Totals	Totals
Recommended operation for tonsils and/or adenoids ...	223	189	412	356	320
Other operations recommended ...	6	4	10	2	3
Referred to hospital ...	74	63	137	70	1
Single visit cases ...	314	212	526	485	611
Totals ...	617	468	1,085	913	935

Treated at clinics

Details of new cases—		1960		1959	1958
		Boys	Girls	Totals	Totals
Chronic suppurative inflammation (otorrhoea)—Single ...	...	79	51	130	230
Double ...	...	3	4	7	24
Results of above diseases ...	...	—	—	7	8
Retracted membrane ...	...	7	2	9	15
Chronic aural catarrh ...	...	—	—	—	5
Ceruminous collection (wax) ...	...	221	215	436	372
Nasal catarrh ...	...	19	7	26	7
Laryngitis ...	...	—	—	1	1
Polypus ...	...	—	—	—	—
Other diseases ...	...	344	223	567	589
Cases from previous session ...	...	673	502	1,175	1,251
		490	398	888	703
Totals ...	...	1,163	900	2,063	1,954
Clinic attendances of above cases ...	...	15,758	9,820	25,578	25,973

Examinations by Specialists

Cases to the number of 1,297 (765 boys and 532 girls) were summoned to school clinics for examination by aurists. Of that total 324 (190 boys and 134 girls) failed to attend, the remainder being dealt with as under :—

At school clinics—		1960		1959	1958
		Boys	Girls	Totals	Totals
Recommended operation for tonsils and/or adenoids ...	...	18	17	35	49
Other operations recommended ...	...	25	12	37	16
Referred to hospital ...	...	99	53	152	141
For X-ray ...	...	102	51	153	156
For Audiogram ...	...	69	67	136	506
Other recommendations and treatments ...	...	262	198	460	
		575	398	973	965

X-ray Examinations

Cases totalling 247, which included some children from the audiometric surveys, were X-rayed in Stobhill and Southern General Hospitals, on the recommendation of the specialists, with the results as shown. A few were X-rayed for more than one condition.

			Positive		Negative		Totals		Total
			Boys	Girls	Boys	Girls	Boys	Girls	
Sinuses	...	...	64	26	61	51	125	77	202
Mastoids	...	...	19	12	3	4	22	16	38
Chest ...	...	...	2	—	3	1	5	1	6
Pharynx	...	...	—	1	—	—	—	1	1
Total examinations			<u>85</u>	<u>39</u>	<u>67</u>	<u>56</u>	<u>152</u>	<u>95</u>	<u>247</u>

(2b) DEFECTIVE HEARING

See Report for 1959, page 34.

During the year ended 31st July, 1960, the work done in connection with cases of defective hearing was as follows.

Classification. Pupils to the number of 103 were summoned with a view to grading as regards special education and, of that total, 62 (38 boys and 24 girls) attended, 11 being classified for deaf classes and 2 for semi-deaf classes. The specialist also made the following recommendations :—audiogram, 20 ; hearing aid, 10 ; clinic treatment, 6 ; speech therapy, 2 ; front seat in class, 2 ; lip reading, 2 ; tonsil adenoid operations, 6 ; other recommendations, 4.

Hearing Aids. Of 50 children recommended hearing aids, instruments were supplied to 41 (23 boys and 18 girls).

Audiograms. 837 cases (459 boys and 378 girls) were tested by audiogram at Florence Street Audiometric Clinic, the total including 14 cases summoned for re-testing.

Tonsils/Adenoids Cases. In 5 instances (4 boys and 1 girl) operations for removal of tonsils and adenoids were performed in Western District Hospital.

Audiometric Survey Scheme. Details of the work accomplished during the Session, including the findings of the specialists and the treatment provided, are shown in Appendix XII, page 82.

(3) DISEASES OF THE EYE, EXCLUDING DEFECTIVE VISION

	Boys	1960 Girls	Totals	1959 Totals	1958 Totals
Details of new cases—					
Blepharitis	249	198	447	566	526
Hordeolum (Stye)	233	255	488	511	496
Conjunctivitis, catarrhal	196	181	377	345	373
Conjunctivitis, muco-purulent	—	—	—	3	—
Ophthalmia, strumous (includes phlyctenular conjunctivitis and keratitis)	1	—	1	1	2
Keratitis (interstitial)	—	—	—	1	—
Corneal ulcers	5	3	8	3	2
Corneal opacities	—	—	—	—	—
Dacryocystitis	—	—	—	—	1
Epiphora	—	1	1	2	1
Injuries	69	40	109	105	114
Other diseases	42	32	74	45	54
Single visit cases	169	166	335	378	364
	964	876	1,840	1,960	1,933
Cases from previous session	68	54	122	148	125
Totals	1,032	930	1,962	2,108	2,058
Clinic attendances of above cases	8,085	7,051	15,136	16,541	15,830

(4a) DISEASES OF THE SKIN, EXCLUDING RINGWORM AND FAVUS

	Boys	1960 Girls	Totals	1959 Totals	1958 Totals
Details of new cases—					
Scabies	1,175	1,070	2,245	2,434	1,872
Pediculosis capitis	3	14	17	19	21
Impetigo contagiosa	1,138	593	1,731	1,612	1,637
Ped. cap. and imp. cont.	22	38	60	40	29
Ecthyma	31	10	41	36	38
Dermatitis seborrhoeica	77	80	157	174	169
Eczema	50	42	92	92	100
Alopecia areata	13	16	29	23	23
Psoriasis	5	22	27	23	16
Herpes zoster (shingles)	89	72	161	152	207
Lupus	—	1	1	—	—
Ulcers and abscesses	2,878	1,577	4,455	3,654	2,962
Urticaria	81	86	167	201	120
Warts	441	471	912	895	722
Other skin diseases	274	197	471	330	425
Single visit cases	1,703	1,145	2,848	2,734	2,536
	7,980	5,434	13,414	12,419	10,877
Cases from previous session	401	264	665	593	519
Totals	8,381	5,698	14,079	13,012	11,396
Clinic attendances of above and ring- worm cases	83,833	56,810	140,643	129,094	109,485

Special Cleansing Clinics—

	1960	1959	1958
New cases	327	246	288
Attendances	660	452	537

(4b) RINGWORM

Drug Treatment—

Details of new cases—	Boys	1960 Girls	Totals	1959 Totals	1958 Totals
Ringworm (head) ...	—	—	—	—	8
Ringworm (body) ...	23	11	34	61	30
Totals ...	23	11	34	61	38

X-ray Treatment—

There were 153 attendances when X-ray treatment for other skin conditions was given.

(4c) BATH TREATMENT OF SCABIES

	Boys	1960 Girls	Totals	1959 Totals	1958 Totals
Cases receiving baths	1,064	1,004	2,068	1,908	1,462
Baths given ...	4,131	3,877	8,008	8,314	6,911

(B) DEFECTIVE VISION

See Report for 1959, page 37.

(a) CASES DEALT WITH AT REFRACTION CLINICS.

	Boys	1960 Girls	Totals	1959 Totals	1958 Totals
Subjected to refraction—					
Spectacles prescribed ...	2,180	2,064	4,244	4,921*	4,804
Spectacles not prescribed—					
For further treatment ...	...	...	918	1,067	1,069
No treatment required ...	...	...	621	514	522
			5,783	6,502	6,395
Not subjected to refraction—					
For further treatment ...	...	...	593	852	1,022
No treatment required ...	...	...	296	330	349
Spectacles checked ...	...	...	1	2	4
Postponed ...	...	...	875	849	1,005
			1,765	2,033	2,380
Total number dealt with at refraction clinics ...			7,548	8,535	8,775
Number of clinics held ...	...	...	914	918	937
Average number of children per clinic ...	...	...	8.3	9.3	9.4
Average number subjected to refraction at each clinic ...	...	...	6.3	7.1	6.7

At school clinics, 31 new occlusion cases were put on treatment while an additional 293 children were kept under observation. The number of children referred to hospital for further treatment was 281 and a further 77 were put off treatment.

At the end of the school Session, approximately 2,316 children were awaiting refraction, distributed as follows :—

New cases—530 ; “ failed to attend ”—1,498 ; retests—288.

* Classification of refraction errors was as follows :—

Hypermetropia			Myopia		Anisopia	Total
H.	H.A.	M.	M.A.	Mx.A.		
540	1,633	907	479	491	194	4,244

(b) PROVISION OF SPECTACLES

New cases were supplied with spectacles under the scheme to the number of 4,255. The nickel type was provided in 4,044 instances free of charge, and the cellulose acetate in 205 on payment by each parent of a contribution towards the cost. In addition, 6 children who were allergic to nickel were supplied free of charge with the cellulose acetate type.

Replacements or repairs totalled 2,306, the details being as follows :—new lenses, 42 ; replaced lenses, 1,438 ; frames, sides, etc., 1,126 (nickel, 1,099 ; cellulose acetate, 25). A contribution towards the cost of replacement or repair was made by the parent in 25 instances.

(C) EAR, NOSE AND THROAT OPERATIVE TREATMENT

(i) TONSILS AND ADENOIDS OPERATIONS

See Report of 1959, page 39.

Preliminary Examinations by Specialists

A summary of the specialists' recommendations in respect of cases referred for tonsil/adenoid operation at Western District Hospital during the school year is given below.

				First Exam.		Second Exam.		Subsequent Exams.		Total	
				B.	G.	B.	G.	B.	G.	B.	G.
Summoned	...	...	...	338	301	48	50	9	9	395	360
Attended	...	...	...	236	221	37	39	7	9	280	269
Examined	...	...	...	223	207	37	38	6	9	266	254
<hr/>											
Recommendations—											
T. and A. operation	...	...	...	170	150	15	14	—	3	185	167
Audiogram and T. and A. operation	...	...	...	22	18	1	—	—	—	23	18
Not for treatment	...	...	...	2	5	9	12	4	4	15	21
Audiogram	...	...	...	5	6	1	—	—	—	6	6
X-ray examination	...	...	...	9	6	—	1	—	—	9	7
Blood investigation	...	...	...	1	6	—	—	—	—	1	6
Clinic treatment	...	...	...	10	7	1	1	1	—	12	8
Other recommendations	...	...	...	8	8	4	2	—	1	12	11

In addition to the above recommendations, 49 of the cases were noted for review at later dates—mainly from three to six months subsequently.

Tonsil/Adenoid Operations Performed

The table below shows the number of operations performed in the several hospitals during 1959-60, compared with the figures for the previous two years.

		Boys	1960 Girls	Totals	1959 Totals	1958 Totals
Tonsils removed—						
Western District Hospital	...	2	3	5	3	1
Mearns Kirk Hospital	... ..	—	—	—	2	1
Adenoids removed—						
Western District Hospital	...	22	27	49	61	42
Mearns Kirk Hospital	... ..	27	24	51	53	49
Tonsils and Adenoids removed—	...					
Western District Hospital	...	223	225	448	683	528
Mearns Kirk Hospital	... ..	111	146	257	381	353
		<u>385</u>	<u>425</u>	<u>810</u>	<u>1,183</u>	<u>974</u>
Number of operation periods	... ..	...	...	*87	*82	*58
Average number of cases per period	...	...	...	*6	*9	*10
Clinic (including hospital) attendances	... ..	...	...	2,724	3,990	3,227

* These figures relate only to the Western District Hospital.

In addition to the above, 16 children (10 boys and 6 girls) were admitted to hospital during the year, but were discharged without operation for various reasons, mostly medical.

Other forms of treatment were also given to children receiving tonsils and adenoids operations, and a few patients were detained in hospital for more than the normal period before or after operation for medical reasons.

All children were instructed to report to the school clinic two weeks after discharge from hospital for post-operative examination.

The number of cases on the waiting list for Western District Hospital at 31st July, 1960, was 1,474 (773 boys and 701 girls) and of these, 113 (64 boys and 49 girls) had been "screened" by the above-mentioned specialists. The number awaiting admission to Mearns Kirk Hospital at the same date was 254 (157 boys and 97 girls).

Follow-up Examinations by Specialists

The undernoted are summarised details of the follow-up examinations of post tonsil/adenoid operation cases by the operating specialists of Western District Hospital, showing the numbers dealt with, the post-operative findings and the specialists' recommendations. Cases included in the survey were those who had been admitted to hospital for operation from February, 1956, onwards.

				First Exam.		Second Exam.		Subsequent Exams.		Total	
				B.	G.	B.	G.	B.	G.	B.	G.
Summoned	...	...	...	304	388	43	35	35	29	382	452
Attended	...	...	...	160	202	26	17	26	20	212	239
Examined	...	...	...	160	200	25	17	26	20	211	237
<hr/>											
Findings—											
Improved	...	...	...	152	194						
No change	...	...	...	7	6						
<hr/>											
Recommendations—											
Not for treatment	...	...	...	125	169	11	10	10	13	146	192
Clinic treatment	...	...	...	12	17	10	11	12	2	34	30
Audiogram	...	...	...	11	12	3	8	2	—	16	20
X-ray examination	...	...	...	18	14	—	—	1	1	19	15
Antral lavage	...	...	...	1	—	4	1	1	4	6	5
Other recommendations	...	...	...	3	4	3	—	1	1	7	5

(ii) OTHER EAR, NOSE AND THROAT OPERATIONS

In addition to those treated for tonsils and/or adenoids, children to the number of 79 (including 22 for antral lavage in Western District Hospital) were admitted to one or other of the hospitals during the year for operative and other treatment of various ear, nose and throat conditions. Some of the patients were treated for more than one defect.

The number of cases on the waiting list at 31st July, 1960, for other ear, nose and throat operations was 15 (12 boys and 3 girls).

(D) ORTHOPAEDIC AND POSTURAL DEFECTS

See Report for 1959, page 41.

With the opening during the year of a fifth orthopaedic clinic (the Stuart Laidlaw Clinic) at Drumchapel, the effect has been to lighten the load on Avenuepark Street Clinic and to enable these two clinics to give the children more concentrated treatment than previously. The link between school clinics and Mearns Kirk Hospital was maintained by the visit of the Consultant Orthopaedic Surgeon from Mearns Kirk to the clinics and this liaison provided for an effective follow-up and supervision of children following their discharge from hospital.

Because of a reorganisation of Mearns Kirk and its classification as a general hospital the orthopaedic unit now consisted of only fifty children's beds and admissions, therefore, had been slowed down. However, no child who was in need of orthopaedic treatment suffered because of the extended waiting list.

In the Session under review very few cases of poliomyelitis occurred in Glasgow and only five children who had poliomyelitis were discharged to the school clinics for continuation of treatment.

The work at the Spastic Unit in Kelbourne School continued and the children were kept under continuous review by a panel of consultants, including a neurologist, a paediatrician and an orthopaedic surgeon. Any child who was thought not to be benefiting from the provisions of the school was recommended for re-grading to an appropriate centre.

Details of the work during 1959/60 were as follows :—

(a) DEFORMITIES TREATED IN MEARNSKIRK HOSPITAL

Cases in hospital on 1.8.59	...	...	27
Number admitted during the Session			92
			<hr/> 119
Number dismissed during the Session			103
			<hr/> 16
Number still in hospital on 31.7.60	...		<hr/> <hr/> 16

Of those dismissed the causes of disability were as shown :—

Foot deformities, 49 (congenital, 4 ; post poliomyelitis, 24 ; spastic paralysis, 15 ; other acquired deformities, 6) ; cerebral palsy, 11 ; torticollis, 5 ; limb shortening, 12 ; deformities of spine, 2 ; deformities of knee, 4 ; rickets, 3 ; other polio conditions, 5 ; muscular dystrophy, 3 ; miscellaneous, 9—total 103. Of that total 25 were admitted for investigation or special physiotherapy treatment. The remainder were admitted for operative treatment—78 operations being performed in all, as under :—

Manipulations (including tenotomy and wrenching), 23 ; elongation of tendon achilles, 10 ; tenotomy for torticollis, 5 ; osteotomies, 2 ; stabilisation of foot, 9 ; stapling to correct shortening, 7 ; tendon transplantations, 5 ; reconstructive operations on the hands, 3 ; removal of staples after corrective shortening, 7 ; correction of knock-knee, 1 ; miscellaneous 6—total 78.

The average stay in hospital of these 103 children was 71 days.

The number of children on the waiting list for admission to Mearns Kirk Hospital on 1.8.60 was 32.

(b) DEFORMITIES TREATED BY EXERCISE, MASSAGE, ELECTRICAL TREATMENT, ETC., AT AVENUEPARK STREET, FLORENCE STREET, GLENBARR STREET AND HARRIET STREET ORTHOPAEDIC CLINICS

	1960			1959	1958
	Boys	Girls	Totals	Totals	Totals
Number of children examined by—					
School Medical Officers ...	382	292	674	778	723
Orthopaedic Surgeon ...	625	627	1,252	1,383	1,145
Number of attendances of "old cases" reporting for observation	588	618	1,206	1,118	1,012

The staff of physiotherapists carried out treatment for the following cases :—

Details of new cases put on treatment at Clinics—

	1960			1959	1958
	Boys	Girls	Totals	Totals	Totals
Deformities of spine (kyphosis, lordosis, scoliosis) ...	132	118	250	219	169
Paralysis, infantile and other	49	49	98	146	92
Flat-foot and other deformities of the foot ...	114	94	208	240	216
Wry-neck (torticollis) ...	2	9	11	11	9
Deformities of chest ...	41	16	57	69	47
Knock-knees ...	12	11	23	29	31
Others ...	9	9	18	19	24
	<u>359</u>	<u>306</u>	<u>665</u>	<u>733</u>	<u>588</u>
Cases from previous session ...	161	187	348	284	251
Totals ...	<u>520</u>	<u>493</u>	<u>1,013</u>	<u>1,017</u>	<u>839</u>

Discharged from Orthopaedic Clinics—

	1960			1959	1958
	Boys	Girls	Totals	Totals	Totals
Fit ...	262	234	496	517	425
For hospital treatment ...	5	6	11	17	14
To convalescent homes ...	1	2	3	3	—
Transferred to other clinics or treated by appliances ...	34	31	65	43	42
For other reasons (leaving school, improved, etc.) ...	52	47	99	111	73
Totals ...	<u>354</u>	<u>320</u>	<u>674</u>	<u>691</u>	<u>554</u>
Number still on treatment ...	149	171	320	329	279
Number of attendances made by children for treatment ...			16,213	15,546	13,800

(c) DEFORMITIES TREATED IN SPASTIC UNIT

Treatment provided in the various departments was as follows :—

No. of cases treated.				No. of treatments.		
	Boys	Girls	Total	Boys	Girls	Total
Physiotherapy ...	20	17	37	1,497	1,335	2,832
Speech Therapy ...	13	10	23	964	1,029	1,993
Occupational Therapy ...	17	15	32	558	457	1,015

Group physiotherapy classes were held to the number of 129, the increase being due to smaller groups being taken for shorter periods. Of the 6 children discharged during the year 2 were considered educationally unfit for the school and 4 had reached school leaving age. Admissions during the Session were 5 (3 boys and 2 girls).

(E) OTHER DISEASES

(a) CASES DEALT WITH AT THE REGULAR CLINICS FOR "GENERAL" DISEASES

Details of new cases—					1960		1959	1958	
				Boys	Girls	Totals	Totals	Totals	
Bronchitis and bronchial catarrh					538	371	909	927	808
Anaemia and/or debility ...					866	953	1,819	1,382	1,484
Rickets					—	—	—	—	—
Tubercular conditions—									
Pulmonary (including contacts)					29	28	57	61	23
Non-pulmonary					6	9	15	3	14
Paralysis					—	1	1	1	5
Heart disease					28	31	59	47	40
Chorea					4	1	5	7	6
Enlarged tonsils and/or adenoids					76	84	160	104	60
Adenitis					18	18	36	24	26
Rheumatism					19	22	41	50	41
Enuresis					325	414	739	756	645
Malnutrition					3	3	6	—	4
Epilepsy					9	13	22	17	15
Digestive disorders					57	58	115	66	64
Infectious diseases					7	4	11	4	1
Mental deficiency					—	—	—	1	1
Nervous disorders					67	60	127	132	89
Others					346	367	713	1,079	745
Single visit cases					1,248	924	2,172	1,875	1,749
Totals					3,646	3,361	7,007	6,536	5,820
Clinic attendances of above cases ...					12,661	11,384	24,045	22,462	17,840

(b) SUPPLY OF MEDICINES

				1960		1959	1958	
Boys				Girls	Totals	Totals	Totals	
Details of new cases seen elsewhere than at "General" Clinics—								
Sent from school inspection for immediate supply				265	234	499	543	607
Sent from skin, eye and ear clinics				948	430	1,378	1,086	1,044
Additional attendances at "General" clinics for medicine				7,584	6,662	14,246	14,792	12,766
Totals				8,797	7,326	16,123	16,421	14,417

(c) ARTIFICIAL LIGHT TREATMENT

				1960		1959	1958
				Boys	Girls	Totals	Totals
Details of new cases—							
Rickets	...	...	...	—	—	—	1
Anaemia and/or debility	...	...	...	326	369	695	534
Nervous disorders	...	...	...	2	9	11	13
Enlarged glands	...	...	...	—	—	—	3
Chronic bronchitis	...	...	...	121	120	241	202
Rheumatism	...	...	...	12	32	44	32
Skin conditions	...	...	...	15	40	55	55
Eye conditions	...	...	...	1	1	2	2
Ear conditions	...	...	...	1	1	2	1
Other diseases	...	...	...	46	39	85	90
Single visit cases	...	...	...	11	2	13	13
Totals	...	...	...	535	613	1,148	946
Clinic attendances of above cases				7,374	8,793	16,167	14,456
							17,246

(d) CASES SEEN AT CARDIAC CLINICS

See Report for 1959, page 44.

The Heart Specialist from Stobhill Hospital again attended school clinics for the purpose of examining school children specially referred by School Medical Officers and recommending any necessary treatment. During the Session, 422 children (207 boys and 215 girls) were summoned, of whom 108 (55 boys and 53 girls) failed to attend. The remainder reported as follows :—

New Cases		Re-examinations		Totals	
Boys	Girls	Boys	Girls	Boys	Girls
74	66	78	96	152	162

The Specialist referred 27 children (17 boys and 10 girls) for further investigation at the Cardiology Clinic in Stobhill Hospital and 12 children (4 boys and 8 girls) for admission to hospital, where some were operated on for the treatment of certain forms of congenital heart disease. He also recommended that 1 girl should be “passed out” to ordinary school and that 1 boy and 1 girl should be admitted to schools for the physically handicapped; 4 boys and 5 girls were recommended for examination by E. N. and T. Specialist and 4 boys and 3 girls were recommended other forms of specialist and school clinic treatment.

The Specialist also interviewed 8 parents of children who had been referred for further investigation at the Cardiology Clinic.

During the year the children interviewed at special clinics and assessed as regards capability for suitable employment were as shown below :—

October, 1959, 3 ; December, 1959, 5 ; April, 1960, 6 ; June, 1960, 13. Since the commencement of the scheme in June, 1950, 393 children in all have been seen.

(e) INVESTIGATION OF ASTHMA AND ALLERGY CASES

See Report for 1959, page 46.

The special clinic at Crail Street continued to function successfully throughout the year.

(F) TREATMENT AT SPECIAL SCHOOLS

See Report for 1959, page 47.

The total treatments given by nurses were as follows :—

	Boys	Girls	Total
Ear conditions	5,419	4,261	9,680
External eye defects	2,532	2,586	5,118
Skin disease	29,964	26,659	56,623
Uncleanliness (nits, vermin, etc.) ...	14,389	20,391	34,780
Medicines issued	9,754	8,581	18,335

7.—DENTAL INSPECTION AND TREATMENT

In the course of the year, the policy of increasing the number of children presented each year for routine dental inspection was continued with success. The profitable results of this policy were shown by the decrease in the number of inspected children requiring treatment in these selected schools and also a perceptible increase in the acceptance rate for treatment.

Actual treatment at the clinics fell naturally with the increased numbers routinely inspected in schools, but the increase in the ratio of fillings to extractions in the permanent dentition was being maintained, together with a very definite increase in the number of fillings in the temporary teeth. This last linked up with the requirements of our orthodontic clinics, as it was the early loss of deciduous teeth which caused the largest percentage of orthodontic cases.

In a general survey of our dental services it appeared that our endeavours should be directed to ensuring that *all* children were included in the routine dental inspection system and that more intensified campaigns were waged in the teaching of dental health education in the clinics, schools and homes.

8.—SPECIAL SCHOOLS AND CLASSES AND RESIDENTIAL SCHOOLS

(a) *HANDICAPPED CHILDREN*

See Report for 1959, page 48.

Educational provision was made as follows in schools for handicapped children under the management of the Corporation :—

- (1) Mentally handicapped—17 Day Schools and 11 Occupational Centres.
- (2) Physically handicapped—11 Day Schools, 7 Hospital Schools and a Scheme of Home Tuition. (One day school made provision for spastic children only).
- (3) Defective vision—1 Day/Boarding School for blind children and 1 Day School for the partially sighted. (The former serves the whole of Scotland and Northern Ireland and accommodates Roman Catholic children.)
- (4) Defective hearing—1 Nursery/Infant Day School, 1 Day School, and 1 Day/Boarding School for the partially deaf and 2 Day/Boarding Schools for the deaf. In addition, teachers from the Speech Reading Unit visited ordinary schools to give speech-reading instruction and auditory training to pupils not sufficiently deaf to require education by deaf methods.

At 30th June, 1960, the number of children receiving special educational treatment in schools administered by the Corporation was as given below :—

Physically handicapped children, 427 (including 47 in school for spastics) ; children with hearing defects, 284 ; children with defects of vision, 89 ; mentally handicapped (educable) children, 2,555 ; mentally handicapped (trainable) children, 466 ; total 3,821. This total compared with 3,988 in 1959 and 4,137 in 1958.

Hospital Schools. The following is a list of the Hospital Schools with the number of pupils in each receiving tuition at 30th June, 1960.

Drumchapel Home (36) ; Lenzie Home (24) ; Mearns Kirk Hospital (81) ; Victoria Auxiliary Infirmary, Philipshill (15) ; Royal Hospital for Sick Children (76) ; Stobhill Hospital (97) ; and Strathblane Home (22).

HOME TUITION SCHEME

At 30th June, 1960, the number of children participating in the scheme was 40 and the main causes of incapacity were :—

Spina bifida, 7 ; blindness with additional physical handicap, 1 ; muscular dystrophy, 5 ; heart diseases, 5 ; pulmonary conditions, 4 ; arthritis, 2 ; spastic, 1 ; miscellaneous, 15.

EXAMINATION AND AFTER-CARE OF MENTALLY HANDICAPPED CHILDREN

The number of children specially examined by School Medical Officers during the year regarding *mental defects* was as follows :—

		1960			1959	1958
		Boys	Girls	Totals	Totals	Totals
First Examinations	...	253	188	441	493	431
Re-examinations	...	1,127	785	1,912	2,050	2,169
		<u>1,380</u>	<u>973</u>	<u>2,353</u>	<u>2,543</u>	<u>2,600</u>

Provision for After-Care in terms of the National Health Service (Scotland) Act, 1947, was continued throughout the year by the Health and Welfare Department.

In addition to the foregoing provision, Glasgow children in need of specialised care and attention were accommodated and educated at the following Centres not under the management of the Corporation :—

Biggart Memorial Home, Prestwick—40 physically handicapped children requiring nursing care.

Burwood Park Secondary-Technical School, Walton-on-Thames, Surrey—1 profoundly deaf boy.

Coltness House, Wishaw—4 severely physically handicapped boys.

Eastpark Homes, Glasgow and Largs—46 severely physically handicapped children requiring long-term nursing care.

The Colony for Epileptics, Bridge of Weir—10 Protestant children suffering from serious epilepsy.

The Royal Blind School, Edinburgh—34 Protestant blind children.

The Royal Scottish National Institution, Larbert—22 mentally handicapped boys and girls (Protestant).

St. Charles' Certified Institution, Carstairs—46 Roman Catholic mentally handicapped children.

St. Joseph's Certified Institution, Rosewell—4 Roman Catholic mentally handicapped children with severe physical handicap.

Waverley Park Certified Institution, Kirkintilloch—24 Protestant mentally handicapped girls.

Birkwood Certified Institution, Lesmahagow—26 Protestant mentally handicapped children.

Caldwell House Certified Institution, Uplawmoor—4 Protestant mentally handicapped children.

(b) MALADJUSTED CHILDREN

CHILD GUIDANCE

The Child Guidance Clinics dealt with 3,241 children as compared with 3,126 in the preceding year. Of these, 692 suffered from personality disorders, 930 had behaviour problems and 549 were cases of failure in learning. In addition to the total, 600 children were examined with a view to the ascertainment of suitability for special education. Symptoms of highest incidence were enuresis, 462; sleep and feeding difficulties, 358; temper and unruliness, 318; theft, 272; psychosomatic illnesses, 237; aggression, violence and defiance of authority, 131; encopresis, 106.

Further information can be found in the report issued annually by the Education Department.

(c) RESIDENTIAL SCHOOLS

The Centres outwith the City are listed below along with the accommodation available for pupils. Periods of residence vary according to the needs of the individual child and average four weeks

for the normal child, four to six weeks for convalescents, two weeks for nursery children and three to nine months for those admitted to Nerston.

(i) NORMAL

Achnamara, Lochgilphcad	...	48	Protestant boys and girls (12-15 years).
Dalguisc, near Dunkeld	... ..	48	Roman Catholic boys and girls (Primary V, VI and VII).
Galloway, Wigtown	... ..	112	Protestant boys and girls (Primary V, VI and VII).

(ii) CONVALESCENT

Agnes Patrick/Stevenson, Ascog	...	58	Roman Catholic boys and girls (8-15 years).
Caol Ruadh, Colintrave	... ..	36	Protestant boys (8-15 years).
Castle Toward, by Dunoon	...	100	Protestant boys and girls (8-15 years).
Craig, Kilmarnock	... ..	56	Roman Catholic boys (5-15 years).
Hillfoot, Bearsden	... ..	65	Protestant girls (5-12 years).
Lumsden, Maybole	... ..	29	Roman Catholic girls (5-15 years).
Seafield, Ardrossan	... ..	65	Protestant boys (5-12 years).
South Park, Ascog	... ..	28	Protestant girls (5-15 years).

(iii) MALADJUSTED

Nerston, East Kilbride	*12	Protestant and Roman Catholic boys and girls (5-16 years).
------------------------	--------	-----	--

(iv) NURSERY

Southannan, Fairlie	36	Protestant and Roman Catholic boys and girls (2-5 years).
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* Pending reconstruction.

9.—ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE

See Report for 1959, page 52.

Staff shortage continued to be the chief difficulty especially on the female side, and though by adjustment of timetables all classes received some instruction the all-over situation was merely satisfactory but gave no cause for complacency. With the shortage in secondary schools, assistance to primary schools was even less than last year. Nevertheless, some measure of assistance had been offered to primary teachers in the form of courses on various aspects of Physical Education, while visitations, demonstrations and talks by supervisory staff had kept primary teachers alive to the possibilities of the use of syllabus and equipment, the supply of which had never been better.

Facilities for swimming were enjoyed by as many schools as possible, and an addition to these facilities was now promised in the eastern area where Lightburn School Pond was likely to open in the new Session. The shortage of swimming facilities in the new housing areas was acute and swimming instruction for pupils from these areas was possible only by transporting them to ponds in the city.

The provision of sprays in new schools and the installation of spray units in some of our older buildings, together with the constant emphasis on clean living, had helped to maintain the high standard of health amongst the pupils. Much remained to be done in some schools to improve the conditions under which pupils spent their school life.

Three Mobile Spray Bath Units continued to function, visiting thirteen schools. An overall average of 140 baths daily was provided and a total of 79,507 baths was given in the complete year.

10.—ARRANGEMENTS FOR FEEDING AND CLOTHING OF CHILDREN

See Report for 1959, page 53.

(a) ADMINISTRATION AND NATURE OF MEALS

On 31st July, 1960, there were 80 kitchens preparing meals for school children. In addition, one kitchen supplied Kosher meals to Jewish children. On an average day in April, 1960 (Friday, 29th April) the total number of meals served was 63,238, of which 61,378 were dinners. Of the meals supplied 20,531 were free.

The meals were served in 392 dining rooms, 338 of which were on school premises, the remainder being in church and other halls.

(b) NUMBER AND COST OF MEALS

The numbers of meals prepared in kitchens during the years ended 31st May, 1958, 1959 and 1960 were as follows :—

Year Ending	Breakfasts	Dinners	Teas	Totals
31st May, 1958 ...	221,554	12,058,432	1,389,926	13,669,912
31st May, 1959 ...	199,307	12,958,581	1,123,707	14,281,595
31st May, 1960 ...	215,209	13,903,744	1,279,995	15,398,948

Dinners only were supplied to pupils of ordinary schools and schools for handicapped children. In nursery schools, dinners and teas were served, while Health and Welfare day nurseries received breakfasts, dinners and teas. During holiday periods, meals were supplied to children entitled to free meals, to children who held tickets purchased at partial remission rates, and to children whose parents or guardians were unable to make suitable arrangements to provide a mid-day meal, thereby avoiding hardship to the children.

Weekly tickets were purchased by pupils requiring dinners in schools at the following prices :—

For 5 meals per week—4s. 9d. for the first child of a family, 4s. 4d. for the second, and 3s. 11d. for the third and subsequent children ; equivalent prices for 6 dinners were 5s. 7d., 5s. 2d. and 4s. 9d. Remission rates of 3s. 11d., 3s., 2s. or 1s. (based on family income) were charged for a ticket valid for 6 dinners per week, the price being the same for each member of the family.

In schools for handicapped children, the prices were 1s. 10d. and 2s. 1d. for 5 and 6 dinners respectively, or at remission rates for 6 dinners of 2s. and 1s.

(c) FOOTWEAR AND CLOTHING

During the year 1st June, 1959, to 31st May, 1960, 1,191 children were provided with footwear and clothing as compared with 1,283 during the previous twelve months. The undertaking given by the National Assistance Board to accept responsibility for the clothing needs of children of their dependants continued satisfactorily.

(d) MILK SUPPLY TO SCHOOL CHILDREN

The total number of milk rations during the year ending 31st July, 1960, was 35,935,062 compared with 35,852,292 in 1959. The most recent census figures showed that 87·55 per cent. of the children on the registers in September, 1959, were taking school milk compared with 88·13 per cent. in September, 1958.

Food inspectors of the Health and Welfare Department took 164 samples of pasteurised milk for examination and of that number 11 failed to pass the coliform test. The average composition of samples was satisfactory at 3·69 per cent. milk fat and 8·75 per cent. non-fatty solids. Of 41 samples supplied for biological examination as to the presence of tubercle, all were found to be negative.

STATISTICAL AND OTHER APPENDICES

TABLE I.—TOTAL NUMBER OF CHILDREN EXAMINED AT :

(A) (a) SYSTEMATIC EXAMINATIONS, i.e., the main groups recommended for the session (see page 9), and (b) OTHER SYSTEMATIC EXAMINATIONS, i.e., children missed at recommended age groups or otherwise outwith these groups.

GROUP	1960			1959	1958
	Boys	Girls	Totals	Totals	Totals
(a) Entrants	9,210	8,807	18,017	17,664	17,710
Second Age Group ...	8,063	7,464	15,527	15,897	16,495
Third Age Group ...	8,272	8,311	16,583	13,921	15,161
Fourth Age Group ...	1,155	935	2,090	1,838	1,439
	26,700	25,517	52,217	49,320	50,805
(b) Others	525	559	1,084	1,225	1,116
Totals	27,225	26,076	53,301	50,545	51,921

For age distribution of these children see Appendix Ib on page 40.

In addition to these numbers of children, the following were examined in the course of Systematic Inspection of the pupils at Special Schools and Classes :—

GROUP	1960			1959	1958
	Boys	Girls	Totals	Totals	Totals
Physically handicapped children	125	113	238	217	236
Mentally handicapped children	413	303	716	720	904
Totals	538	416	954	937	1,140

(B) OTHER EXAMINATIONS :—

GROUP	1960	1959	1958
<i>(i) In Schools—</i>			
Systematic Inspection of Nursery School Children	1,182	1,056	1,088
Other Examinations in Nursery Schools (including abnormals)	2,174	2,043	1,858
1952 age-group (Visual Acuity and Hearing only)—(by school nurses)	14,604	15,168	14,448
Special Cases (in respect of particular defects) Re-inspections by Medical Officers	18,093	18,091	17,439
Leaving Interviews	20,388	18,316	21,660
Examinations regarding Mental Defect	9,352	10,205	9,696
Discharges in Special Schools and Classes	2,353	2,543	2,600
Five-year-olds (Visual Acuity only)—(by school nurses)	88	119	80
	—	—	2,174
Totals	68,234	67,541	71,043
<i>(ii) Mainly at Clinics—</i>			
Applicants for preliminary training as Teachers	—	—	2
Applicants for Licences under the Corporation Bye-laws for the Employment of Children	528	603	652
Adult Employees of the Corporation	1,150	1,089	881
Candidates for Printers' Apprenticeships	168	120	120
Children as to fitness for camps, etc.— School and Junior Club groups	10,311	10,808	8,711
Children as to fitness for School Journeys abroad, Educational Excursions, etc.	5,453	5,045	4,954
Children as to fitness for admission to and dismissal from Residential Schools and Institutions	12,489	11,915	10,805
Pre-vocational Students	665	729	589
Other Special Cases	69	71	74
Examinations in Remand Home	3,972	4,307	3,907
Totals	34,805	34,687	30,695
<i>(iii) Cleanliness and Special Examinations—</i>			
* Cleanliness inspections—(by school nurses) ...	159,332	150,630	148,248

* In addition, Nurse Inspectresses of the Sanitary Divisions made 123,636 cleanliness inspections in 1,033 visits to other schools (see page 60).

APPENDIX 1a.—NOTIFICATION TO PARENTS.

The numbers and percentages of individual children inspected at systematic examinations who were notified to parents as requiring treatment for conditions *other than* defects of clothing or cleanliness (including pediculosis) and minor dental defects, were as follows:—

Group	1960			1959	1958
	Boys	Girls	Totals	Totals	Totals
Entrants	3,151 (34·2)	2,866 (32·5)	6,017 (33·4)	6,220 (35·2)	6,508 (36·7)
2nd Age Group	2,400 (29·8)	2,244 (30·1)	4,644 (29·9)	4,664 (29·3)	5,101 (30·9)
3rd Age Group	1,718 (20·8)	2,140 (25·7)	3,858 (23·2)	3,067 (22·0)	3,116 (20·6)
4th Age Group	167 (14·5)	150 (16·0)	317 (15·1)	276 (15·0)	228 (15·8)
Others	158 (30·1)	144 (25·8)	302 (27·9)	313 (25·6)	296 (26·5)
Totals ...	7,594 (27·9)	7,544 (28·9)	15,138 (28·4)	14,540 (28·8)	15,249 (29·4)

The numbers and percentages of cases in which intimation was made to parents verbally or by card, together with information as to similar intimations in respect of clothing, cleanliness, and/or minor dental defects will be found in Appendix 11a on page 50.

APPENDIX 1b.—AGE DISTRIBUTION OF CHILDREN

(a) Children within groups recommended

(b) Children outwith groups

† Entrants-Infants.

Ages			4	5	6	7	8
BOYS.							
Non-transferred Schools	(a) ...		135	5,621	132	12	—
Do.	(b) ...		—	—	—	41	33
Transferred Schools	(a) ...		102	3,067	139	2	—
Do.	(b) ...		—	—	—	28	18
Totals	(a) ...		237	8,688	271	14	—
Do.	(b) ...		—	—	—	69	51
Totals, 1960	... ..		237	8,688	271	83	51
Totals, 1959	... ..		277	8,474	260	82	51
GIRLS.							
Non-transferred Schools	(a) ...		127	5,284	158	29	8
Do.	(b) ...		—	—	—	47	40
Transferred Schools	(a) ...		80	3,000	113	8	—
Do.	(b) ...		—	—	—	20	13
Totals	(a) ...		207	8,284	271	37	8
Do.	(b) ...		—	—	—	67	53
Totals, 1960	... ..		207	8,284	271	104	61
Totals, 1959	... ..		209	8,177	230	68	50
ALL							
Totals	(a) ...		444	16,972	542	51	8
Do.	(b) ...		—	—	—	136	104
Totals, 1960	... ..		444	16,972	542	187	112
Totals, 1959	... ..		486	16,651	490	150	101

† This grouping applies only to

AT DATE OF SYSTEMATIC EXAMINATION.

for the session (as indicated by brackets).
recommended for the session.

† Second Age Group. †Third Age Group. † Fourth Age Group.

8	9	10	11	12	13	14	15	16	17	18	19	Totals
297	4,605	405	—	321	5,159	371	66	648	239	—	—	18,011
—	13	65	42	20	15	44	16	17	4	—	—	310
185	2,313	258	—	183	1,989	249	—	124	78	—	—	8,689
—	15	28	52	30	1	22	21	—	—	—	—	215
482	6,918	663	—	504	7,148	620	66	772	317	—	—	26,700
—	28	93	94	50	16	66	37	17	4	—	—	525
482	6,946	756	94	554	7,164	686	103	789	321	—	—	27,225
479	6,735	1,069	108	583	6,091	640	78	836	201	1	1	25,966
187	4,047	646	—	335	5,006	551	43	496	146	—	—	17,063
—	17	59	56	16	11	63	20	1	7	1	—	338
109	2,173	302	—	251	1,975	193	2	183	65	—	—	8,454
—	16	41	37	38	8	27	19	—	2	—	—	221
296	6,220	948	—	586	6,981	744	45	679	211	—	—	25,517
—	33	100	93	54	19	90	39	1	9	1	—	559
296	6,253	1,048	93	640	7,000	834	84	680	220	1	—	26,076
278	6,370	1,275	112	630	5,739	568	121	597	145	10	—	24,579
778	13,138	1,611	—	1,090	14,129	1,364	111	1,451	528	—	—	52,217
—	61	193	187	104	35	156	76	18	13	1	—	1,084
778	13,199	1,804	187	1,194	14,164	1,520	187	1,469	541	1	—	53,301
757	13,105	2,344	220	1,213	11,830	1,208	199	1,433	346	11	1	50,545

the (a) lines on the table.

TABLE II.—SYSTEMATIC EXAMINATION OF CHILDREN IN ORDINARY SCHOOLS.

NUMBERS AND PERCENTAGES OF CHILDREN SUFFERING FROM DEFECTS.

An individual child may appear in several sections but only once in any section, i.e., only the child's major defect in any section is recorded—any minor defects in the same section are ignored in this table. "Sections" are indicated by the horizontal lines across the columns, and the section totals give the numbers of individual children having at least one defect in that section.

Age Groups	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1960	1959	1958
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.	Totals.
Number examined	9,210	8,807	8,063	7,464	8,272	8,311	1,155	935	27,225	26,076	53,301	50,545	51,921
Nature of defects found													
1. CLOTHING UNSATISFACTORY	1	1	5	4	—	—	—	—	6	5	11	13	13
	(0.0)	(0.0)	(0.1)	(0.1)	—	—	—	—	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
	1	—	1	—	2	—	—	—	4	—	4	10	11
	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Totals	3	2	5	4	8	18	—	—	17	24	41	44	44
	(0.0)	(0.0)	(0.1)	(0.1)	(0.1)	(0.2)	(0.2)	(0.2)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
	5	3	11	8	10	18	—	—	27	29	56	67	68
	(0.1)	(0.0)	(0.1)	(0.1)	(0.1)	(0.2)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
2. FOOTGEAR UNSATISFACTORY	4	2	4	4	3	2	—	—	12	8	20	42	31
	(0.0)	(0.0)	(0.0)	(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.1)	(0.1)
	—	—	—	—	—	—	—	—	—	—	—	1	2
	(0.0)	(0.0)	(0.0)	(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Totals	4	2	4	4	3	2	—	—	12	8	20	43	33
	(0.0)	(0.0)	(0.0)	(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.1)	(0.1)
	1	1	—	—	—	2	—	—	1	3	4	9	4
	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
3. UNCLEANLINESS	295	905	238	986	134	1,061	—	3	689	3,031	3,723	3,875	4,301
	(3.2)	(10.3)	(3.0)	(13.2)	(1.6)	(12.8)	(0.3)	(0.3)	(2.5)	(11.6)	(7.0)	(7.7)	(8.3)
	10	9	5	9	3	11	—	—	18	29	47	60	66
	(0.1)	(0.1)	(0.1)	(0.1)	(0.0)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
(a) Head	1	—	4	1	7	9	1	—	13	10	23	31	24
	(0.0)	(0.0)	(0.0)	(0.0)	(0.1)	(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.1)	(0.0)
	5	3	7	—	—	—	—	—	12	3	15	13	5
	(0.1)	(0.0)	(0.1)	(0.0)	(0.1)	(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
(b) Body	312	918	254	996	141	1,083	1	3	733	3,079	3,812	3,988	4,400
	(3.4)	(10.4)	(3.2)	(13.3)	(1.7)	(13.0)	(0.1)	(0.3)	(2.7)	(11.8)	(7.2)	(7.0)	(8.5)
	—	—	—	—	—	—	—	—	—	—	—	—	—
	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)

4. SKIN

(a) Head

Ringworm	...	1	—	—	—	—	—	—	—	1	—	—	—	1	—	1	—	3
Impetigo	...	37	21	28	—	6	—	6	9	—	—	—	—	—	—	107	36	(0.0)
Injuries	...	14	7	4	—	1	—	—	—	—	—	—	—	—	—	33	9	(0.1)
Others	...	53	29	34	—	35	—	—	84	18	13	—	—	—	—	311	162	(0.2)
Ringworm	...	1	2	1	—	—	—	—	2	—	—	—	—	—	—	8	5	(0.1)
Impetigo	...	15	11	9	—	11	—	—	3	—	—	—	—	—	—	54	25	(0.0)
Scabies	...	21	21	22	—	17	—	—	12	—	—	—	—	—	—	119	51	(0.1)
Injuries	...	16	11	8	—	8	—	—	8	3	—	—	—	—	—	76	28	(0.2)
Others	...	285	212	170	—	127	—	—	191	19	20	—	—	—	—	1,176	558	(0.1)
Totals	...	443	314	276	—	205	—	—	310	40	33	—	—	—	—	1,885	874	(0.2)
		(4.8)	(3.6)	(3.4)		(2.7)			(3.7)	(3.5)	(3.5)					(3.50)	(3.4)	(3.2)

5. NUTRITION

Slightly defective	...	259	367	236	—	278	—	—	86	—	—	—	—	—	—	1,346	744	(2.8)
Bad	...	3	3	—	—	3	—	—	—	—	—	—	—	—	—	10	6	(2.7)
Totals	...	262	370	236	—	281	—	—	86	—	—	—	—	—	—	1,356	750	(0.0)
		(2.8)	(4.2)	(2.9)		(3.8)			(1.0)							(2.5)	(2.9)	(2.8)

6. MOUTH AND TEETH UNHEALTHY

...	...	121	96	97	102	132	112	9	5	365	320	685	705	1,414	1,469	709
		(1.3)	(1.1)	(1.2)	(1.4)	(1.6)	(1.3)	(0.8)	(0.5)	(1.3)	(1.2)	(1.3)	(1.4)	(2.8)	(2.8)	(1.4)

TABLE II—Continued.

Age Groups	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1960	1959	1958
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.	Totals.
7. NASO PHARYNX													
(a) <i>Nose</i>													
Obstruction—for observation	118 (1.3)	68 (0.8)	43 (0.5)	37 (0.5)	19 (0.2)	8 (0.1)	—	—	180 (0.7)	116 (0.4)	296 (0.6)	361 (0.7)	337 (0.6)
Obstruction—for operation	84 (0.9)	69 (0.8)	25 (0.3)	24 (0.3)	13 (0.0)	2 (0.0)	—	1 (0.1)	123 (0.5)	97 (0.4)	220 (0.4)	204 (0.4)	168 (0.3)
Catarrh	99 (1.1)	69 (0.8)	78 (1.0)	37 (0.5)	35 (0.4)	28 (0.3)	1 (0.1)	2 (0.2)	222 (0.8)	138 (0.5)	360 (0.7)	308 (0.6)	337 (0.6)
Other conditions	4 (0.0)	6 (0.1)	4 (0.0)	7 (0.1)	10 (0.1)	5 (0.1)	1 (0.1)	—	20 (0.1)	19 (0.1)	39 (0.1)	116 (0.2)	116 (0.2)
(b) <i>Throat</i>													
Tonsils—for observation	676 (7.3)	713 (8.1)	201 (2.5)	275 (3.7)	94 (1.1)	151 (1.8)	3 (0.3)	5 (0.5)	991 (3.6)	1,158 (4.4)	2,149 (4.0)	2,232 (4.4)	2,353 (4.5)
Tonsils—for operation	412 (4.5)	368 (4.2)	115 (1.4)	157 (2.1)	39 (0.5)	60 (0.7)	—	—	575 (2.1)	592 (2.3)	1,167 (2.2)	1,146 (2.3)	1,107 (2.1)
Other conditions	5 (0.1)	5 (0.1)	4 (0.0)	1 (0.0)	3 (0.0)	5 (0.1)	—	1 (0.1)	12 (0.0)	12 (0.0)	24 (0.0)	18 (0.0)	24 (0.0)
(c) <i>Glands</i>													
For observation	66 (0.7)	43 (0.5)	21 (0.3)	14 (0.2)	6 (0.1)	7 (0.1)	—	—	95 (0.3)	64 (0.2)	159 (0.3)	180 (0.4)	177 (0.3)
For operation	5 (0.1)	2 (0.0)	—	3 (0.0)	—	2 (0.0)	—	—	5 (0.0)	7 (0.0)	12 (0.0)	3 (0.0)	—
Totals	1,469 (16.0)	1,343 (15.2)	491 (6.1)	555 (7.4)	219 (2.6)	268 (3.2)	5 (0.4)	9 (1.0)	2,223 (8.2)	2,203 (8.4)	4,426 (8.3)	4,568 (9.0)	4,619 (8.9)
8. EYES													
(a) <i>External Diseases</i>													
Blepharitis	70 (0.8)	57 (0.6)	90 (1.1)	51 (0.7)	86 (1.0)	90 (1.1)	8 (0.7)	3 (0.3)	260 (1.0)	206 (0.8)	466 (0.9)	552 (1.1)	562 (1.1)
Conjunctivitis	10 (0.1)	7 (0.1)	8 (0.1)	9 (0.1)	9 (0.1)	11 (0.1)	—	1 (0.1)	28 (0.1)	30 (0.1)	58 (0.1)	59 (0.1)	62 (0.1)
Corneal opacities	1 (0.0)	1 (0.0)	3 (0.0)	1 (0.0)	4 (0.0)	4 (0.0)	1 (0.1)	1 (0.1)	9 (0.0)	8 (0.0)	17 (0.0)	19 (0.0)	20 (0.0)
Strabismus	375 (4.1)	355 (4.0)	241 (3.0)	199 (2.7)	135 (1.6)	106 (1.3)	7 (0.6)	6 (0.6)	763 (2.8)	678 (2.6)	1,441 (2.7)	1,416 (2.8)	1,459 (2.8)
Other diseases	22 (0.2)	19 (0.2)	26 (0.3)	14 (0.2)	14 (0.2)	26 (0.3)	2 (0.2)	2 (0.2)	61 (0.2)	65 (0.2)	129 (0.2)	136 (0.3)	146 (0.3)
Totals	478 (5.2)	439 (5.0)	368 (4.6)	274 (3.7)	248 (3.0)	237 (2.9)	18 (1.6)	13 (1.4)	1,124 (4.1)	987 (3.8)	2,111 (4.0)	2,182 (4.3)	2,249 (4.3)

8. EYES													
(b) Visual acuity (Snellen)*													
Fair, 6/9 or 6/12	...	...	777 (9.6)	767 (10.3)	633 (7.7)	810 (9.8)	95 (8.2)	73 (7.8)	1,551 (8.6)	1,698 (9.8)	3,249 (9.2)	3,154 (9.6)	3,478 (10.2)
Bad, 6/18 or worse	...	...	164 (2.1)	144 (1.9)	238 (2.9)	228 (2.7)	31 (2.7)	26 (2.7)	444 (2.4)	407 (2.1)	851 (2.4)	814 (2.5)	891 (2.6)
Totals	...	...	941 (11.7)	911 (12.2)	871 (10.6)	1,038 (12.5)	126 (10.9)	99 (10.50)	1,995 (11.0)	2,105 (11.9)	4,100 (11.6)	3,968 (12.1)	4,369 (12.8)
Recommended for Refraction													
Recommended for Re-test ...													
Totals	...	...	506 (6.3)	448 (6.0)	468 (5.7)	612 (7.4)	51 (4.4)	45 (4.8)	1,185 (4.4)	1,245 (4.8)	2,430 (4.6)	2,568 (5.1)	2,222 (4.3)
9. EARS													
(a) Diseases													
Otorrhoea	...	...	52 (0.6)	17 (0.2)	49 (0.6)	32 (0.4)	2 (0.2)	2 (0.2)	165 (0.6)	94 (0.4)	259 (0.5)	262 (0.5)	309 (0.6)
Other diseases	...	...	19 (0.2)	10 (0.1)	7 (0.1)	6 (0.1)	1 (0.1)	1 (0.1)	36 (0.1)	31 (0.1)	67 (0.1)	86 (0.2)	93 (0.2)
(b) Defective hearing													
Grade I—For ordinary class													
„ IIa—For front seat	...	...	7 (0.1)	17 (0.2)	29 (0.4)	16 (0.2)	1 (0.1)	—	48 (0.2)	39 (0.1)	87 (0.2)	125 (0.2)	53 (0.1)
„ IIb—For class for semi-deaf	...	...	2 (0.0)	—	—	—	—	—	3 (0.0)	1 (0.0)	4 (0.0)	12 (0.0)	1 (0.0)
„ III—For deaf class	...	...	—	—	1 (0.0)	—	—	—	1 (0.0)	2 (0.0)	3 (0.0)	11 (0.0)	4 (0.0)
Totals	...	...	116 (1.3)	85 (1.1)	114 (1.4)	93 (1.1)	7 (0.6)	3 (0.3)	357 (1.3)	278 (1.1)	635 (1.2)	761 (1.5)	670 (1.3)

* The record of defective vision applies to the better eye, and is *with spectacles if worn at examination*. The figures do not include entrants, as they cannot be examined by means of test types. The percentages given, therefore, relate to the children outwith the entrants group: 35,282 children in all—2 cases fewer than the total number examined outwith the "entrants" age group. (See, however, Appendix IIb, page 52, for the results of examination of children born in 1952.)

TABLE II—Continued.

Age Groups	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1960	1959	1958
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.	Totals.
10. SPEECH													
Defective articulation ...	181 (2.0)	73 (0.8)	29 (0.4)	19 (0.3)	12 (0.1)	8 (0.1)	1 (0.1)	—	225 (0.8)	102 (0.4)	327 (0.6)	436 (0.9)	274 (0.5)
Stammering ...	23 (0.2)	9 (0.1)	16 (0.2)	4 (0.1)	22 (0.3)	7 (0.1)	—	—	63 (0.2)	20 (0.1)	83 (0.2)	94 (0.2)	93 (0.2)
Totals ...	204 (2.2)	82 (0.9)	44 (0.5)	23 (0.3)	34 (0.4)	15 (0.2)	1 (0.1)	—	288 (1.1)	122 (0.5)	410 (0.8)	530 (1.0)	367 (0.7)
11. MENTAL AND NERVOUS CONDITION													
Backward ...	7 (0.1)	3 (0.0)	4 (0.0)	5 (0.1)	9 (0.1)	—	—	—	20 (0.1)	8 (0.0)	28 (0.1)	27 (0.1)	24 (0.0)
Dull ...	3 (0.0)	3 (0.0)	4 (0.0)	5 (0.1)	2 (0.0)	1 (0.0)	—	—	9 (0.0)	9 (0.0)	18 (0.0)	7 (0.0)	26 (0.1)
Mentally handicapped (educable)	—	—	—	—	—	1 (0.0)	—	—	—	1 (0.0)	1 (0.0)	3 (0.0)	—
" " (ineducable)	—	—	—	—	—	—	—	—	—	—	—	—	—
Highly nervous ...	23 (0.2)	14 (0.2)	25 (0.3)	11 (0.1)	11 (0.1)	12 (0.1)	—	—	61 (0.2)	38 (0.1)	99 (0.2)	94 (0.2)	117 (0.2)
Difficult in behaviour ...	5 (0.1)	1 (0.0)	4 (0.0)	1 (0.0)	1 (0.0)	2 (0.0)	—	—	10 (0.0)	4 (0.0)	14 (0.0)	14 (0.0)	11 (0.0)
Epilepsy (Mild) ...	14 (0.2)	10 (0.1)	8 (0.1)	13 (0.2)	5 (0.1)	16 (0.2)	1 (0.1)	1 (0.1)	29 (0.1)	42 (0.2)	71 (0.1)	72 (0.1)	60 (0.1)
" (Severe) ...	2 (0.0)	1 (0.0)	—	1 (0.0)	2 (0.0)	—	1 (0.1)	—	5 (0.0)	2 (0.0)	7 (0.0)	8 (0.0)	6 (0.0)
Totals ...	54 (0.6)	32 (0.4)	45 (0.6)	36 (0.5)	30 (0.4)	32 (0.4)	2 (0.2)	1 (0.1)	134 (0.5)	104 (0.4)	238 (0.4)	225 (0.4)	244 (0.5)

12. CIRCULATORY SYSTEM

(a) Organic Heart Disease

Congenital

Acquired

(b) Functional Conditions

Totals

13. LUNGS

Chronic Bronchitis

Suspected Tuberculosis

Catarrh

Other diseases

Totals

14. DEFORMITIES

(a) Congenital

(b) Acquired

Infantile Paralysis

Probable Rickets

Cerebral Palsy

Other causes

Totals

45 (0.5)	27 (0.3)	35 (0.4)	12 (0.2)	17 (0.2)	10 (0.1)	2 (0.2)	—	101 (0.4)	51 (0.2)	152 (0.3)	144 (0.3)	144 (0.3)
5 (0.1)	3 (0.0)	9 (0.1)	3 (0.0)	18 (0.2)	21 (0.3)	2 (0.2)	2 (0.2)	34 (0.1)	29 (0.1)	63 (0.1)	87 (0.2)	78 (0.2)
131 (1.4)	95 (1.1)	42 (0.5)	44 (0.6)	36 (0.4)	60 (0.7)	6 (0.5)	7 (0.7)	220 (0.8)	207 (0.8)	427 (0.8)	397 (0.8)	422 (0.8)
181 (2.0)	125 (1.4)	86 (1.1)	59 (0.8)	71 (0.9)	91 (1.1)	10 (0.9)	9 (1.0)	355 (1.3)	287 (1.1)	642 (1.2)	628 (1.2)	644 (1.2)
15 (0.2)	15 (0.2)	21 (0.3)	3 (0.0)	14 (0.2)	3 (0.0)	—	1 (0.1)	52 (0.2)	23 (0.1)	75 (0.1)	86 (0.2)	90 (0.2)
6 (0.1)	4 (0.0)	8 (0.1)	3 (0.0)	12 (0.1)	15 (0.2)	—	1 (0.1)	26 (0.1)	24 (0.1)	50 (0.1)	55 (0.1)	64 (0.1)
468 (5.1)	375 (4.3)	202 (2.6)	131 (1.8)	84 (1.0)	91 (1.1)	2 (0.2)	9 (1.0)	766 (2.8)	612 (2.3)	1,378 (2.6)	1,462 (2.9)	1,462 (2.8)
6 (0.1)	8 (0.1)	10 (0.1)	10 (0.1)	1 (0.0)	3 (0.0)	—	—	18 (0.1)	22 (0.1)	40 (0.1)	43 (0.1)	43 (0.1)
495 (5.4)	402 (4.6)	241 (3.0)	147 (2.0)	111 (1.3)	112 (1.3)	2 (0.2)	11 (1.2)	862 (3.2)	681 (2.6)	1,543 (2.9)	1,646 (3.3)	1,659 (3.2)
65 (0.7)	31 (0.4)	41 (0.5)	18 (0.2)	38 (0.5)	28 (0.3)	4 (0.3)	8 (0.9)	150 (0.6)	88 (0.3)	238 (0.4)	269 (0.5)	302 (0.6)
23 (0.2)	12 (0.1)	10 (0.1)	11 (0.1)	20 (0.2)	14 (0.2)	2 (0.2)	2 (0.2)	56 (0.2)	39 (0.1)	95 (0.2)	90 (0.2)	63 (0.1)
24 (0.3)	20 (0.2)	14 (0.2)	6 (0.1)	9 (0.1)	2 (0.0)	—	—	48 (0.2)	28 (0.1)	76 (0.1)	119 (0.2)	150 (0.3)
3 (0.0)	3 (0.0)	3 (0.0)	1 (0.0)	—	2 (0.0)	1 (0.1)	—	8 (0.0)	6 (0.0)	14 (0.0)	9 (0.0)	7 (0.0)
92 (1.0)	67 (0.8)	91 (1.1)	80 (1.1)	146 (1.8)	103 (1.2)	23 (2.0)	8 (0.9)	362 (1.3)	262 (1.0)	624 (1.2)	617 (1.2)	683 (1.3)
207 (2.2)	133 (1.5)	159 (2.0)	116 (1.6)	213 (2.6)	149 (1.8)	30 (2.6)	18 (1.9)	624 (2.3)	423 (1.6)	1,047 (2.0)	1,104 (2.2)	1,205 (2.3)

TABLE II—Continued.

Age Groups	...	...	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1960	1959	1958
			Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.	Totals.
15. INFECTIOUS DISEASES	...	...	7 (0.1)	7 (0.1)	—	2 (0.0)	—	—	—	—	8 (0.0)	9 (0.0)	17 (0.0)	14 (0.0)	20 (0.0)
16. ASTHMA	...	...	72 (0.8)	25 (0.3)	58 (0.7)	24 (0.3)	55 (0.7)	26 (0.3)	5 (0.4)	2 (0.2)	193 (0.7)	78 (0.3)	271 (0.5)	270 (0.5)	215 (0.4)
17. DIABETES	...	...	2 (0.0)	1 (0.0)	2 (0.0)	2 (0.0)	—	—	—	—	4 (0.0)	4 (0.0)	8 (0.0)	13 (0.0)	10 (0.0)
18. OTHER DISEASES OR DEFECTS	...	...	388 (4.2)	464 (5.3)	291 (3.6)	341 (4.6)	209 (2.5)	242 (2.9)	12 (1.0)	17 (1.8)	922 (3.4)	1,088 (4.2)	2,010 (3.8)	1,926 (3.8)	2,087 (4.0)

APPENDIX IIa.—ADDITIONAL INFORMATION REGARDING RESULTS OF SYSTEMATIC EXAMINATIONS.

Except in respect of the dual information regarding children who wore glasses, no child appears more than once in each section. "Sections" are indicated by horizontal lines across the columns.

Age Groups	Entrants.		2nd age group.		3rd age group.		4th age group.		All ages.		1959	1958
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Totals.	Totals.
Parents present at examination ...	8,742 (94.9)	8,253 (93.7)	5,208 (64.6)	5,190 (69.5)	1,137 (13.7)	1,419 (17.1)	13 (1.1)	21 (2.2)	15,309 (56.2)	15,116 (58.0)	30,238 (59.8)	30,952 (59.6)
Children notified to parents as requiring treatment :—	1,224 (13.3)	1,276 (14.5)	629 (7.8)	678 (9.1)	282 (3.4)	511 (6.1)	34 (2.9)	26 (2.8)	2,197 (8.1)	2,530 (9.7)	4,664 (9.2)	5,921 (11.4)
	145 (1.6)	318 (3.6)	209 (2.6)	421 (5.6)	263 (3.2)	609 (7.3)	5 (0.4)	2 (0.2)	643 (2.4)	1,390 (5.3)	1,731 (3.4)	1,968 (3.8)
	1,980 (21.5)	1,730 (19.6)	1,221 (15.1)	1,187 (15.7)	844 (10.2)	1,172 (14.1)	107 (9.3)	109 (11.7)	4,217 (15.5)	4,265 (16.1)	8,120 (16.1)	8,745 (16.8)
	1,171 (12.7)	1,136 (12.9)	1,179 (14.6)	1,057 (14.2)	874 (10.6)	968 (11.6)	60 (5.2)	41 (4.4)	3,377 (12.4)	3,279 (12.6)	6,420 (12.7)	6,504 (12.5)
(b) Other defects ...												
Children noted for re-inspection :—	848 (9.2)	1,017 (11.5)	548 (6.8)	785 (10.5)	288 (3.5)	971 (11.7)	7 (0.6)	23 (2.5)	1,725 (6.3)	2,863 (11.0)	4,308 (8.5)	5,322 (10.3)
(a) Defects of clothing, etc. (as above) ...	3,271 (35.5)	2,940 (33.4)	2,582 (32.0)	2,389 (32.0)	1,900 (23.0)	2,352 (28.3)	188 (16.3)	184 (19.7)	8,118 (29.8)	8,021 (30.8)	15,956 (31.6)	16,087 (31.0)
(b) Other defects ...												
Children excluded from attendance at school ...	35 (0.4)	38 (0.4)	23 (0.3)	17 (0.2)	16 (0.2)	19 (0.2)	—	—	78 (0.3)	75 (0.3)	129 (0.3)	112 (0.2)
Children "free from defects" in terms of Table III :—	3,737 (40.6)	3,451 (39.2)	4,030 (50.0)	3,482 (46.7)	6,029 (72.9)	5,213 (62.7)	922 (79.8)	747 (70.0)	15,014 (55.1)	13,215 (50.7)	28,229 (53.0)	25,287 (48.7)
(a) No recorded defect ...	1 (0.0)	2 (0.0)	5 (0.1)	3 (0.0)	3 (0.0)	4 (0.0)	—	—	9 (0.0)	9 (0.0)	18 (0.0)	23 (0.0)
(b) Defects of clothing only ...	103 (1.1)	319 (3.6)	83 (1.0)	352 (4.7)	96 (1.2)	685 (8.4)	1 (0.1)	—	293 (1.1)	1,414 (5.4)	1,770 (3.1)	1,770 (3.4)
(c) Defects of cleanliness only ...	1,818 (19.7)	1,851 (21.0)	1,144 (14.2)	1,017 (13.6)	1 (0.0)	8 (0.1)	1 (0.1)	—	2,992 (11.0)	2,909 (11.2)	5,763 (11.4)	6,955 (13.4)
(d) Minor dental defect with or without clothing and/or cleanliness defect(s) ...												

Teeth—	Sound ...	6,035 (65·5)	5,747 (65·3)	6,005 (74·5)	5,592 (74·0)	6,782 (82·0)	6,946 (83·6)	1,078 (93·3)	879 (94·0)	20,275 (74·5)	19,604 (75·2)	39,879 (74·8)	37,128 (73·4)	36,434 (70·2)
	One to four decayed	2,600 (28·2)	2,558 (29·0)	1,913 (23·7)	1,735 (23·2)	1,401 (16·0)	1,280 (15·4)	73 (6·3)	53 (5·7)	6,124 (22·5)	5,738 (22·0)	11,862 (22·3)	11,504 (22·8)	13,389 (25·8)
	Five or more decayed	575 (6·2)	502 (5·7)	145 (1·8)	137 (1·8)	89 (1·1)	85 (1·0)	4 (0·3)	3 (0·3)	826 (3·0)	734 (2·8)	1,560 (2·9)	1,913 (3·8)	2,098 (4·0)
Visual acuity (Snellen) :—														
Children who wore glasses at examination	With glasses—													
	Good, 6/6 ...			472 (5·9)	536 (7·2)	723 (8·7)	836 (10·1)	204 (17·7)	227 (24·3)	1,423 (7·9)	1,640 (9·5)	3,063 (8·7)	2,744 (8·3)	2,713 (7·9)
	Fair, 6/9, 6/12			211	248	156	229	43	34	418	523	941	925	975
	Bad, 6/18, etc.			21 (0·3)	29 (0·4)	31 (0·4)	42 (0·5)	6 (0·5)	7 (0·7)	61 (0·3)	81 (0·5)	142 (0·4)	163 (0·5)	166 (0·5)
	Without glasses			252 (3·1)	305 (4·1)	237 (2·9)	309 (3·7)	43 (3·7)	84 (9·0)	542 (3·0)	716 (4·1)	1,258 (3·6)	1,186 (3·6)	1,293 (3·8)
	Good, 6/6 ...			243	290	232	284	40	40	527	628	1,155	1,068	1,083
Children not wearing glasses at examination	not recorded			209 (2·6)	218 (2·9)	441 (5·3)	514 (6·2)	170 (14·7)	144 (15·4)	833 (4·6)	900 (5·2)	1,733 (4·9)	1,578 (4·8)	1,478 (4·3)
	—													
	See page 45			6,650 (82·5)	6,017 (80·6)	6,677 (80·7)	6,437 (77·5)	825 (71·4)	609 (65·1)	14,596 (81·0)	13,523 (78·3)	28,119 (79·7)	26,159 (79·6)	27,047 (79·2)
Immunisation (Diphtheria).	Good, 6/6 ...			566 (7·0)	519 (7·0)	477 (5·8)	581 (7·0)	52 (4·5)	39 (4·2)	1,133 (6·3)	1,175 (6·8)	2,308 (6·5)	2,229 (6·8)	2,503 (7·3)
	Fair, 6/9, 6/12			143 (1·8)	115 (1·5)	207 (2·5)	186 (2·2)	25 (2·2)	19 (2·0)	383 (2·1)	326 (1·8)	709 (2·0)	651 (2·0)	725 (2·1)
	Bad, 6/18, etc.													
Vaccination (Smallpox)	Completed ...			7,686 (95·3)	7,113 (95·3)	7,927 (95·8)	8,014 (96·4)	1,117 (96·7)	901 (96·4)	23,210 (85·3)	22,452 (86·1)	45,662 (85·7)	43,040 (85·2)	44,304 (85·3)
	Not immunised			319 (4·0)	291 (3·9)	330 (4·0)	287 (3·5)	38 (3·3)	34 (3·6)	3,793 (13·9)	3,447 (13·2)	7,240 (13·6)	7,192 (14·2)	7,485 (14·3)
	Successful vaccination			3,961 (49·1)	3,583 (48·0)	6,228 (75·3)	6,240 (75·1)	997 (86·3)	804 (86·0)	15,810 (58·1)	15,273 (58·6)	31,083 (58·3)	30,462 (60·1)	31,217 (60·1)
Vaccination (Smallpox)	Successful re-vaccination			1 (0·0)	3 (0·0)	9 (0·1)	73 (0·9)	2 (0·2)	14 (1·5)	14 (0·1)	95 (0·4)	109 (0·2)	117 (0·2)	74 (0·1)
	Unsuccessful or no vaccination			4,101 (50·9)	3,878 (52·0)	2,035 (24·6)	1,998 (24·0)	156 (13·5)	117 (12·5)	11,401 (41·9)	10,708 (41·1)	22,109 (41·5)	19,966 (39·5)	20,630 (39·7)

APPENDIX IIb.—VISUAL ACUITY AND HEARING OF CHILDREN BORN IN 1952.

See Report for 1959, page 72.

The partial examination of children approximately 7 years old was again included in the annual scheme of systematic medical inspection of school children at the request of the Department of Health for Scotland.

Detailed results of inspection during the period are given below under the relative sub-headings, and columns of 1959 and 1958 totals are also supplied for purposes of comparison.

VISUAL ACUITY.

Result of Eyesight (Snellen) Test.

		No. and percentage			1959	1958
		Boys	Girls	Totals	Totals	Totals
Children who wore glasses at examination.	With Glasses—					
	Good, 6/6 ...	130 (1·7)	184 (2·6)	314 (2·2)	391 (2·6)	328 (2·3)
	Fair, 6/9, 6/12 ...	268 (3·6)	260 (3·6)	528 (3·6)	418 (2·8)	442 (3·0)
	Bad, 6/18, etc. ...	56 (0·8)	38 (0·5)	94 (0·6)	67 (0·4)	83 (0·6)
	Without Glasses—					
	Good, 6/6 ...	54 (0·7)	82 (1·1)	136 (0·9)	157 (1·0)	147 (1·0)
Children not wearing glasses at examination	Fair, 6/9, 6/12 ...	178 (2·4)	216 (3·0)	394 (2·7)	386 (2·5)	389 (2·7)
	Bad, 6/18, etc. ...	222 (3·0)	184 (2·6)	406 (2·7)	333 (2·2)	317 (2·2)
	Good, 6/6 ...	5,025 (67·6)	4,897 (68·3)	9,922 (67·9)	10,525 (69·4)	9,598 (66·4)
	Fair, 6/9, 6/12 ...	1,608 (21·6)	1,513 (21·1)	3,121 (21·3)	2,856 (18·8)	2,902 (20·1)
	Bad, 6/18, etc. ...	344 (4·6)	281 (3·9)	625 (4·3)	911 (6·0)	1,095 (7·6)
Totals ...		7,431	7,173	14,604	15,168	14,448

Summary of findings (taking the better eye and with spectacles if worn at examination) :—

				No. and percentage.			1959	1958
				Boys	Girls	Totals	Totals	Totals
Good, 6/6 ...	...	...	...	5,155 (69·4)	5,081 (70·8)	10,236 (70·1)	10,916 (72·0)	9,926 (68·7)
Fair, 6/9, 6/12 ...	...	...	...	1,876 (25·2)	1,773 (24·7)	3,649 (25·1)	3,274 (21·6)	3,344 (23·1)
Bad, 6/18, etc. ...	...	...	...	400 (5·4)	319 (4·5)	719 (4·9)	978 (6·4)	1,178 (8·1)
Totals ...	...	...	...	7,431	7,173	14,604	15,168	14,448

Of those with defective eyesight, 897 (495 boys and 402 girls) were recommended for refraction or for re-test.

HEARING.

Result of Hearing Test.

					No. and percentage.			1959	1958
					Boys	Girls	Totals	Totals	Totals
Normal ...	...	...	...	...	7,390	7,139	14,529	15,093	14,340
					(99·4)	(99·5)	(99·5)	(99·5)	(99·2)
Defective—									
Grade I, for ordinary class	...			...	10	9	19	22	31
					(0·1)	(0·1)	(0·1)	(0·1)	(0·2)
Grade IIa, for front seat	...			...	1	3	4	10	18
					(0·0)	(0·0)	(0·0)	(0·1)	(0·1)
Grade IIb, for class for semi-deaf	...			...	27	15	42	36	44
					(0·4)	(0·2)	(0·3)	(0·2)	(0·3)
Grade III, for deaf class	...			...	3	7	10	7	15
					(0·0)	(0·1)	(0·1)	(0·0)	(0·1)
					7,431	7,173	14,604	15,168	14,448

Of the above children 59 (33 boys and 26 girls) were referred to the clinic for investigation of the cause of deafness.

APPENDIX IIc.—AVERAGE MEASUREMENTS OF SCHOOL CHILDREN

The averages for age, height and weight of children in the four age-groups measured at routine inspection during the year 1959-60 are given below with comments.

PUPILS AGED SIXTEEN YEARS

Details of the average measurements in this age-group are as follows :—

	Non-transferred		Transferred		All	
	Boys	Girls	Boys	Girls	Boys	Girls
Number examined ...	665	497	124	177	789	674
Average age (in months beyond year of age) ...	6·10	6·38	7·38	6·52	6·30	6·42
Height (in inches) ...	67·79	63·61	67·04	63·32	67·67	63·27
Weight (in pounds) ...	135·55	123·07	134·89	119·55	135·19	122·15

PUPILS IN OTHER AGE-GROUPS

On page 55 is a table showing the averages of 5, 9 and 13 year-olds in 1960 and the relative average measurements adjusted to the uniform ages of 5 years 4 months, 9 years 5 months and 13 years 5 months for that school year and for each of the previous school years back to 1951. To simplify the study of those adjusted measurements, the highest in each column is printed in **heavy** type and the second highest in *italics*.

The findings may be summarised thus :—

(1) PUPILS AGED FIVE YEARS

- (a) BOYS. In two columns (height and weight of “transferred” pupils) second highest place was maintained, but in each of the remaining columns a fall was recorded.
- (b) GIRLS. Highest and second highest places were reached for weight and height respectively of “non-transferred” pupils, but in all other instances not even the second place was attained.

(2) PUPILS AGED NINE YEARS

- (a) BOYS. For weight, highest or second highest was recorded, but in each series for height the average fell below second place.
- (b) GIRLS. Second highest place was reached in each series for weight, but height averages dropped below second place.

(3) PUPILS AGED THIRTEEN YEARS.

- (a) BOYS. Highest place was reached in each of the six columns.
- (b) GIRLS. Weights were improved, highest place being reached in each series ; heights showed a fall—to second place in “transferred” and “all” columns whilst the “non-transferred” average was the lowest since 1956.

Numbers, Average Ages and Measurements of Children of 5, 9 and 13 years of age within the Groups examined during Systematic Inspection.
(The highest "adjusted" average in each column is in black type and the second in *italics*.)

AGE.		5 YEARS.						9 YEARS.						13 YEARS.					
Type of School		Non-transf'd		Transferred		All		Non-transf'd		Transferred		All		Non-transf'd		Transferred		All	
No. of Boys & Age (months)*	Actual Average Measurements	5,602 (3-73)		3,059 (3-89)		8,661 (3-79)		4,616 (5-61)		2,323 (5-51)		6,939 (5-58)		5,155 (5-43)		1,990 (5-50)		7,145 (5-45)	
		Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.	Ht. ins.	Wt. lbs.
1960— 1959— 1958— 1957— 1956— 1955— 1954— 1953— 1952— 1951—	Adjusted Average Measurements (uniform ages of 5 yrs. 4 mths., 9 yrs. 5 mths., and 13 yrs. 5 mths. respectively)	42-60	42-37	42-47	42-17	42-56	42-50	51-75	64-45	51-24	62-57	51-58	63-82	60-04	96-01	59-16	93-00	59-79	95-17
		42-79	42-72	42-44	42-11	42-67	42-51	51-81	64-30	51-33	62-50	51-66	63-73	60-01	95-86	58-99	92-62	59-70	94-88
		42-70	42-61	42-62	42-08	42-67	42-50	51-81	64-37	51-26	62-23	51-64	63-71	59-98	95-97	58-95	92-21	59-70	94-96
		42-66	42-62	42-35	42-08	42-59	42-44	51-77	64-43	51-24	62-61	51-60	63-86	59-66	94-24	58-87	91-58	59-47	93-49
		42-56	42-64	42-31	41-87	42-48	42-38	51-60	63-97	51-08	62-13	51-45	63-42	59-39	92-85	58-56	89-83	59-13	91-91
		42-51	42-48	42-27	41-79	42-43	42-26	51-56	63-77	50-94	62-10	51-37	63-26	59-30	92-65	58-43	89-73	59-04	91-78
		42-53	42-32	42-19	41-49	42-43	42-05	51-63	63-81	50-85	61-63	51-40	63-16	59-27	91-85	58-40	88-90	59-01	90-93
		42-59	42-27	42-23	41-61	42-48	42-07	51-38	62-55	50-83	61-13	51-22	62-14	59-20	91-25	58-40	88-13	58-96	90-33
		42-65	42-30	42-07	41-31	42-49	42-02	51-38	62-30	50-84	60-93	51-22	61-90	59-16	90-90	58-25	87-29	58-88	89-80
		42-55	42-40	42-05	41-23	42-40	42-05	51-35	62-43	50-70	60-40	51-15	61-82	59-11	90-50	58-05	86-82	58-79	89-38
1960— 1959— 1958— 1957— 1956— 1955— 1954— 1953— 1952— 1951—	No. of Girls & Age (months)* Actual Average Measurements	5,280 (4-02)	42-38	41-32	2,997 (4-06)	42-09	41-02	4,064 (5-80)	61-63	50-83	2,186 (5-78)	61-25	62-86	4,998 (5-64)	102-40	59-51	98-57	60-14	101-32
		42-37	41-14	42-08	40-49	42-27	41-01	51-34	63-12	50-70	61-23	51-11	62-46	60-05	101-82	59-49	98-41	60-07	100-85
		42-35	41-27	42-17	40-58	42-29	40-95	51-36	62-92	50-89	60-95	51-21	62-28	60-36	100-64	59-60	98-31	60-14	99-96
		42-38	41-23	42-11	40-64	42-31	41-06	51-46	63-18	50-80	60-93	51-25	62-44	60-21	100-27	59-31	97-22	59-96	99-40
		42-31	41-17	42-04	40-79	42-22	41-04	51-32	63-09	50-80	61-59	51-16	62-62	60-13	99-81	59-38	97-10	59-90	98-40
		42-16	41-17	41-91	40-47	42-13	40-94	51-17	62-76	50-57	60-57	50-99	62-11	59-94	97-92	59-09	95-24	59-67	97-12
		42-13	41-16	41-80	40-13	42-02	40-83	51-06	62-35	50-56	60-75	50-91	61-88	59-83	96-80	58-84	94-43	59-51	96-03
		42-18	41-03	41-75	39-97	42-04	40-69	51-06	61-76	50-30	59-48	50-83	61-08	59-75	96-40	58-94	93-34	59-48	95-41
		42-26	40-73	41-95	40-13	42-16	40-54	50-94	60-89	50-22	58-66	50-73	60-24	59-76	94-87	58-78	93-00	59-45	94-29
		42-21	40-74	41-72	39-69	42-07	40-44	50-83	60-27	50-15	58-49	50-62	59-72	59-70	95-33	58-43	91-25	59-32	94-12
		42-18	40-89	41-66	39-83	42-03	40-58	50-84	60-27	50-16	58-52	50-62	59-71	59-46	94-42	58-45	91-26	59-15	93-46

* Beyond years of age given at head of sections.

**TABLE III.—SYSTEMATIC MEDICAL EXAMINATION OF
ACCORDING TO REMEDIABILITY OF THE MAJOR**

CLASSIFICATION	NO. OF CHILDREN EACH GROUP (AND					
	Entrants			Second Age Group		
	Boys	Girls	Total	Boys	Girls	Total
I. Children free from defects	5,659 (61.4)	5,623 (63.8)	11,282 (62.6)	5,262 (65.3)	4,854 (65.0)	10,116 (65.1)
II. Children (otherwise free from defects) who suffer from—						
(a) Defective vision not worse than 6/12 in the better eye with or without glasses; or	1 (0.0)	3 (0.0)	4 (0.0)	561 (7.0)	552 (7.4)	1,113 (7.2)
(b) Oral Sepsis	75 (0.8)	77 (0.9)	152 (0.8)	72 (0.9)	73 (1.0)	145 (0.9)
(c) Both (a) and (b)	—	—	—	6 (0.1)	6 (0.1)	12 (0.1)
Totals	76 (0.8)	80 (0.9)	156 (0.9)	639 (7.9)	631 (8.5)	1,270 (8.2)
III. Children suffering from ailments (other than those mentioned in II) from which complete recovery is anticipated within a few weeks ...	1,748 (19.0)	1,699 (19.3)	3,447 (19.1)	1,106 (13.7)	1,012 (13.6)	2,118 (13.6)
IV. Children suffering from (or suspected to be suffering from) defects less remediable than defects specified in II or III, distinguishing cases—						
(a) Where complete cure or restora- tion of function (in the case of eye defect, full correction) is considered possible	1,280 (13.9)	1,114 (12.6)	2,394 (13.3)	684 (8.5)	691 (9.3)	1,375 (8.9)
(b) Where improvement only is considered possible, <i>e.g.</i> , without complete restoration of function	427 (4.6)	280 (3.2)	707 (3.9)	354 (4.4)	265 (3.6)	619 (4.0)
Totals	1,707 (18.5)	1,394 (15.8)	3,101 (17.2)	1,038 (12.9)	956 (12.8)	1,994 (12.8)
V. Children suffering from defects from which improvement is not considered possible	20 (0.2)	11 (0.1)	31 (0.2)	18 (0.2)	11 (0.1)	29 (0.2)
Total numbers of children examined ...	9,210	8,807	18,017	8,063	7,464	15,527

* Includes 1,084 children

CHILDREN IN ORDINARY SCHOOLS. CLASSIFICATION
DEFECTS FOUND IN THE INDIVIDUAL CHILD.

EXAMINED IN PERCENTAGES).						No. OF CHILDREN EXAMINED (AND PERCENTAGES).				
Third Age Group			Fourth Age Group			* All Ages Totals, 1960			Totals, 1959	Totals, 1958
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total		
6,129 (74.1)	5,920 (71.2)	12,049 (72.7)	924 (80.0)	747 (79.9)	1,671 (80.0)	18,308 (67.2)	17,547 (67.3)	35,855 (67.3)	33,350 (66.0)	34,035 (65.6)
512 (6.2)	682 (8.2)	1,194 (7.2)	84 (7.3)	60 (6.4)	144 (6.9)	1,193 (4.4)	1,334 (5.1)	2,527 (4.7)	2,367 (4.7)	2,605 (5.0)
99 (1.2)	88 (1.1)	187 (1.1)	6 (0.5)	3 (0.3)	9 (0.4)	257 (0.9)	245 (0.9)	502 (0.9)	479 (0.9)	487 (0.9)
3 (0.0)	6 (0.1)	9 (0.1)	—	—	—	9 (0.0)	12 (0.0)	21 (0.0)	21 (0.0)	21 (0.0)
614 (7.4)	776 (9.3)	1,390 (8.4)	90 (7.8)	63 (6.7)	153 (7.3)	1,459 (5.4)	1,591 (6.1)	3,050 (5.7)	2,867 (5.7)	3,113 (6.0)
662 (8.0)	764 (9.2)	1,426 (8.6)	66 (5.7)	65 (7.0)	131 (6.3)	3,648 (13.4)	3,587 (13.8)	7,235 (13.6)	7,229 (14.3)	7,519 (14.5)
462 (5.6)	523 (6.3)	985 (6.0)	37 (3.2)	35 (3.7)	72 (3.4)	2,517 (9.2)	2,405 (9.2)	4,922 (9.2)	4,824 (9.5)	4,928 (9.5)
382 (4.6)	314 (3.8)	696 (4.2)	36 (3.1)	25 (2.7)	61 (2.9)	1,229 (4.5)	910 (3.5)	2,139 (4.0)	2,212 (4.4)	2,273 (4.4)
844 (10.2)	837 (10.1)	1,681 (10.1)	73 (6.3)	60 (6.4)	133 (6.4)	3,746 (13.8)	3,315 (12.7)	7,061 (13.2)	7,036 (13.9)	7,201 (13.9)
23 (0.3)	14 (0.2)	37 (0.2)	2 (0.2)	—	2 (0.1)	64 (0.2)	36 (0.1)	100 (0.2)	63 (0.1)	53 (0.1)
8,272	8,311	16,583	1,155	935	2,090	27,225	26,076	53,301	50,545	51,921

outwith normal Age Groups.

APPENDIX IIIa.—INSPECTION OF SPECIAL CASES (“NON-ROUTINES” AND “ABNORMALS”).

DEFECTS FOUND IN CHILDREN PRESENTED FOR MEDICAL INSPECTION AS “NON-ROUTINES”—18,093 children were presented for “non-routine” inspection (generally on account of defect observed or suspected by teachers); 16,155 of these were pupils in ordinary schools and 1,938 in special schools.

Some of these children were found on examination to have more than one defect. The individual results were: nits minor, 863; nits major and/or vermin, 243; skin conditions, 1,706; eye conditions (including defective vision), 5,151; ear, nose and throat defects, 1,451; “general” defects, 6,993; defective teeth, 264; no apparent disease, 186; and other causes, 1,236.

RE-INSPECTION BY MEDICAL OFFICERS OF “ABNORMALS.”—The total number of re-inspections was 20,338. Of these, 9,214 (45.2 *per cent.*) were found to be receiving treatment at the school clinics, 5,417 (26.6 *per cent.*) were being treated elsewhere, 3,887 (19.1 *per cent.*) did not require treatment, and 1,870 (9.2 *per cent.*) had not had the necessary treatment provided. These last were unimportant cases or were reported for “following up” by other methods.

(Details of “non-routine” and “abnormal” cases examined in Nursery Schools are given on page 72.)

APPENDIX IIIb.—OTHER SPECIAL INSPECTIONS

(a) LEAVING INTERVIEWS.—These were granted in order to bring medical records up-to-date and to give advice, in some cases, regarding unsuitability for certain occupations—9,352 pupils presented themselves.

(b) HOLIDAY CAMPS, EXCURSIONS, ETC.—Arrangements were again made for inspection of pupils attending schools, junior clubs, and play centres who had been proposed for holiday camps in the summer. Similar arrangements were made in connection with pupils proceeding on educational excursions and on holidays abroad.

(i) *School, Junior Club and Play Centre Holiday Camps (June-July, 1960).*

	Boys		Girls	
	Preliminary Inspection	Final Inspection	Preliminary Inspection	Final Inspection
	No. and %	No. and %	No. and %	No. and %
Fit	2,632 (91.3)	2,722 (98.6)	1,926 (83.2)	2,274 (96.8)
*Fit?	241 (8.4)	1 (0.0)	374 (16.1)	— (0.0)
Unfit	11 (0.4)	39 (1.4)	16 (0.7)	75 (3.2)
Totals ...	2,884	2,762	2,316	2,349

* Doubtful fitness.

(ii) *Educational Excursions and Holidays at home and abroad (Spring and Summer, 1960).*

	Boys.		Girls.	
	Preliminary Inspection	Final or Only Inspection	Preliminary Inspection	Final or Only Inspection
	No. and %	No. and %	No. and %	No. and %
Fit	736 (92.1)	1,951 (97.8)	646 (94.3)	1,940 (98.3)
*Fit?	59 (7.4)	12 (0.6)	38 (5.5)	8 (0.4)
Unfit	4 (0.5)	32 (1.6)	1 (0.1)	26 (1.3)
Totals ...	799	1,995	685	1,974

* Doubtful fitness.

**APPENDIX IIIc.—CLEANLINESS INSPECTION IN SCHOOLS
BY NURSES**

See Report for 1959, page 83.

Over the Session, the Cleanliness Inspectresses reported some improvement among the boys. Returns from Nurse Inspectresses gave similar results.

Cleanliness Inspectresses of the School Health Service

	Boys		Girls	
	1960	1959	1960	1959
<i>First Inspections</i>				
Examined ...	61,508	54,857	62,754	55,156
Infested ...	436 (0·7)	538 (1·0)	1,833 (2·9)	1,697 (3·1)
Infected ...	2,465 (4·0)	2,293 (4·2)	8,155 (13·0)	6,873 (12·5)
<i>Re-Inspections</i>				
Examined ...	12,708	15,154	22,362	25,463
Infested ...	382 (3·0)	439 (2·9)	2,340 (10·5)	2,192 (8·6)
Infected ...	2,370 (18·6)	2,938 (19·4)	9,779 (43·7)	9,766 (38·4)

In 308 instances, formal notices to cleanse children within 24 hours were issued, mainly by Cleanliness Inspectresses and Senior Woman Assistants. On re-inspection, 72 were found to have been cleansed at home by the parents and 55 to have been compulsorily disinfested at school or clinic.

Under Section 52 of the Education (Scotland) Act, 1946, 29 cases were referred to the Procurator Fiscal during the course of the year. Of that total 5 were admonished, and on the remainder fines were imposed as follows :—1 of £2, 15 of £1 and 8 of 10s.

Nurse Inspectresses of the Sanitary Divisions

	Boys		Girls	
	1960	1959	1960	1959
<i>General Inspections</i>				
Examined ...	49,177	47,845	45,309	45,511
Infested ...	46 (0·1)	63 (0·1)	191 (0·4)	214 (0·5)
Infected ...	3,510 (7·1)	3,446 (7·2)	10,070 (22·2)	9,331 (20·5)
<i>Re-Inspections</i>				
	11,609	10,306	17,541	14,153

The Nurse Inspectresses also visited 4,266 houses and re-visited 514. They issued 256 formal printed notices to parents to cleanse the children within 24 hours, and reported that 144 children had been cleansed at clinics and 7,066 by the parents.

APPENDIX IIId.—CLEANLINESS SUPERVISION BY SENIOR WOMAN ASSISTANTS (ASSISTED BY WELFARE ATTENDANTS) AT SELECTED SCHOOLS

See Report for 1959, page 85.

Oatlands School was discontinued and the pupils transferred to Hayfield School, thus reducing the number of schools with Hygiene Units to 24 by the end of the Session. During the first part of the Session one unit was out of action due to the absence, through illness, of the Welfare Attendant.

The following table gives the percentages of children in the selected schools found to be “ clean and well-cared for in every respect ” at two general inspections during the Session.

	First Inspection		Second Inspection	
	Boys	Girls	Boys	Girls
Six original schools (January, 1941) ...	87·8	74·2	84·7	72·6
All selected schools	89·2	76·1	87·7	78·3

In the *six original schools* the boys’ percentage at first inspection was the best since the scheme was initiated, whilst that of the girls was only exceeded once (in 1958) previously. At second inspection, the girls’ percentage, although down, compared favourably with those in most previous years ; the boys, however, were again unimproved.

For *all selected schools* only the girls at second inspection showed any improvement, but the percentages at first inspection for both boys and girls were not unduly low compared with other years.

**TABLE IV.—RETURN OF ALL EXCEPTIONAL CHILDREN
OF SCHOOL AGE IN THE AREA.**

Disability	(a)	(b)	(c)	Totals
	At Special schools or classes	At no school or institution	At hospital or other institution	
1. BLIND	7	—	34	41
2. PARTIALLY SIGHTED—				
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition	11	—	—	11
(b) Other conditions of the eye, e.g., cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school	37	—	—	37
3. DEAF—Grade IIB	65	—	1	66
Grade III	91	—	—	91
4. DEFECTIVE SPEECH				
(a) Defects of articulation requiring special educational measures	13	—	—	13
(b) Stammering requiring special educational measures				
5. MENTALLY HANDICAPPED—				
(Children between 5 and 16 years)—				
(a) Educable (I.Q. approx. 50-70)	2,555	—	126	2,681
(b) Ineducable (I.Q. generally less than 50) ...	466	85	122	673
6. EPILEPSY—				
(a) Mild and occasional ...	46	—	10	56
(b) Severe (suitable for care in a residential school ...)				
7. PHYSICALLY HANDICAPPED—				
(Children between 6 and 16 years)—				
(a) Non - pulmonary tuberculosis (excluding cervical glands)	31	—	—	31
(b) General orthopaedic conditions	185	*8	46	239
(c) Organic heart disease ...	37	*5	—	42
(d) Other causes of ill-health	198	*27	40	265

* Home Tuition cases.

8. MULTIPLE DEFECTS (included in the figures on the previous page)—
Children between 5 and 16 years of age :—

(a) *Mentally handicapped*
and physically handicapped as listed :—

	At Special Schools (Educable)	At Occup. Centres (Ineducable but trainable)	At no school or institution (Ineducable)	At hospital or other institution (Ineducable)
(i) blind	—	3	3	6
(ii) partially sighted ...	3	17	2	1
(iii) deaf	—	1	—	—
(iv) partially deaf ...	17	6	1	2
(v) defective speech (severe)	8	14	14	35
(vi) epilepsy	42	44	15	22
(vii) non-pulmonary tuberculosis (excl. cervical glands)	5	—	—	1
(viii) infantile paralysis	3	—	—	—
(ix) cerebral palsy ...	19	16	5	5
(x) other orthopaedic defects	6	4	27	15
(xi) organic heart disease	18	14	2	1
(xii) chronic bronchitis	7	9	—	—
(xiii) anaemia and debility	10	7	2	—
(xiv) other causes of ill-health	75	79	10	13
	<u>213</u>	<u>214</u>	<u>81</u>	<u>101</u>

(b) *Physically handicapped only*
at special schools 137

TABLE V.—DENTAL INSPECTION AND TREATMENT.

DENTAL INSPECTION.

(1) NUMBER OF CHILDREN INSPECTED BY THE DENTAL OFFICERS.				1960			1959	1958
AGE				System- atic Exam- inations	Other Cases	Totals	Totals	Totals
4	...	...	...	14	—	14	21	—
5	...	...	...	6,056	—	6,056	5,792	4,649
6	...	...	...	7,124	—	7,124	6,610	5,648
7	...	...	...	6,765	—	6,765	6,425	5,594
8	...	...	...	6,696	—	6,696	6,763	5,442
9	...	...	...	6,778	—	6,778	6,503	5,666
10	...	...	...	6,589	—	6,589	6,920	6,534
11	...	...	...	7,117	—	7,117	7,352	6,335
12	...	...	...	2,639	—	2,639	2,886	2,121
13	...	...	...	24	—	24	39	7
14	...	...	...	76	—	76	98	10
15	...	...	...	74	—	74	83	6
Totals				49,954	—	49,954	49,492	42,012
(1A) No. of schools in- spected				111	—	111	108	95
(1B) Half-days spent at inspection				281	—	281	266	224
(2) Found to require treatment				39,205 (78·5%)	—	39,205 (78·5%)	39,103 (79·0%)	34,409 (81·9%)
(2A) Number of children accepting treatment				14,231 (36·3%)	—	14,231 (36·3%)	13,634 (34·2%)	11,680 (34·0%)
(2B) Cards not returned or returned blank				1,090 (2·8%)	—	1,090 (2·8%)	1,257 (3·2%)	825 (2·4%)
(2C) Promised private treatment				23,884 (60·9%)	—	23,884 (60·9%)	24,482 (62·6%)	21,904 (63·6%)

DENTAL TREATMENT.

	1960			1959	1958
	System- atic Exam- inations	Other* Cases	Totals	Totals	Totals
(3) Actually treated by the school dental officers—					
(a) ordinary	11,168	3,992	15,160	16,328	15,613
(b) for orthodontic pur- poses	31	70	101	Not available	
(3A) Number of the above cases where treatment was completed—					
(a) ordinary	7,059 (63·2%)	2,105 (52·7%)	9,164 (60·4%)	9,769 (59·8%)	8,853 (56·7%)
(b) for orthodontic pur- poses	53†	107†	160†	Not available	
(4) Number of attendances for treatment—					
(a) ordinary	33,987	13,010	46,997	50,277	46,866
(b) for orthodontic pur- poses	189	509	698	Not available	
(4A) Attendances, but treatment not given—					
(a) ordinary	786	467	1,253	1,480	1,628
(b) for orthodontic pur- poses	4	7	11	Not available	
(5) Fillings (ordinary)—					
(a) Permanent teeth ...	12,855	5,465	18,320	20,393	17,559
(b) Temporary teeth ...	2,723	462	3,185	2,842	2,404
(5A) Fillings for (ortho- dontic purposes)—					
(a) Permanent teeth ...	118	336	454	} Not available	
(b) Temporary teeth ...	17	10	27		
(6) Extractions (ordinary)					
(a) Permanent teeth—					
Without anaesthetic	2	6	8	8	10
With local anaesthetic	1,887	2,145	4,032	4,384	4,681
With general anaes- thetic	268	283	551	829	672
(b) Temporary teeth—					
Without anaesthetic	2	15	17	10	22
With local anaesthetic	12,013	3,375	15,338	15,929	16,795
With general anaes- thetic	637	306	943	1,279	1,316
(6A) Extractions (for orthodontic purposes)					
(a) Permanent teeth—					
Without anaesthetic	1	1	2	} Not available	
With local anaesthetic	27	60	87		
With general anaes- thetic	3	3	6		
(b) Temporary teeth—					
Without anaesthetic	—	1	1		
With local anaesthetic	33	47	80		
With general anaes- thetic	—	—	—		

	1960			1959	1958
	System- atic Exam- inations	Other* Cases	Totals	Totals	Totals
(7) Number of admin- istrations of general anaesthetic for ex- tractions	160	98	258	362	374
(8) Other operations (or- dinary)—					
(a) Permanent teeth—					
scalings	986	292	1,278	1,349	1,183
Gum treatments ...	247	211	458	473	320
Silver nitrate dressings	328	95	423	273	200
Temporary fillings ...	2,460	1,523	3,983	4,285	4,138
Others	1,260	776	2,036	2,658	2,648
(b) Temporary teeth—					
Scalings	25	4	29	23	15
Gum treatments ...	41	30	71	88	80
Silver nitrate dressings	3,336	495	3,831	4,192	3,529
Temporary fillings ...	266	89	355	354	354
Others	705	201	906	1,330	1,088
(8A) Other operations (for orthodontic purposes)					
(a) Permanent teeth—				} Not available	
Scalings	3	14	17		
Gum treatments ...	—	1	1		
Silver nitrate dressings	—	4	4		
Temporary fillings ...	14	51	65		
Others	8	33	41		
(b) Temporary teeth—					
Scalings	—	—	—		
Gum treatments ...	—	—	—		
Silver nitrate dressings	2	10	12		
Temporary fillings ...	2	—	2		
Others	1	13	14		
(9) Half-days devoted to inspection	281	—	281	266	224
Half-days devoted to treatment	5,141	1,616	6,757	7,132	6,458
Half-days devoted to orthodontic treatment	Not available		559	551	548
Half-days devoted to general anaesthetic clinic	17	10	27	39	42
Half-days devoted to dentures, X-rays, etc.	Not available		169	175	184
(10) Number of children treated under private arrangements ...			Not known		
(11) Ratio of fillings to extractions perman- ent teeth only)—					
(a) ordinary	596 : 100	225 : 100	399 : 100	391 : 100	327 : 100
(b) for orthodontic pur- poses	382 : 100	525 : 100	478 : 100	Not available	

* Obtained from sources other than Routine Dental Inspection.

† Including cases brought forward from previous year.

Treatment at Orthodontic Clinics—241 cases were treated, 129 being completed ; attendances totalled 4,131 and there were 4 attendances without treatment being given. Treatment included : appliances—first impression, 360 ; progress impression, 1,180 ; insertions—first, 194 ; subsequent, 633 ; total, 827. Adjustments numbered 2,304, and 197 other operations were performed.

Other work—Crowns, 2 ; artificial dentures, 141 ; root treatments, 19 (including 3 septic) ; X-ray examinations, 163 ; gold inlays, 9 ; large incisal edge restorations, 5.

50 ante-natal cases were given treatment during school sessions.

AGE DISTRIBUTION OF " OTHER CASES " TREATED (ORDINARY)

Age in years ...	...	1	2	3	4	5	6	7	8
Number treated	...	—	18	86	171	264	284	270	300
Age in years ...	...	9	10	11	12	13	14	15	16 or over
Number treated	...	380	341	343	438	604	379	87	27

TOTAL 3,992

AGE DISTRIBUTION OF " OTHER CASES " TREATED (FOR ORTHODONTIC PURPOSES)

Age in years	...	5	6	7	8	9	10	11	12	13	14	15	16 or over
Number treated	...	1	1	2	4	10	12	11	9	13	4	2	1

TOTAL 70

APPENDIX VI.—SUMMARY OF MEDICAL INSPECTION AND TREATMENT STATISTICS (of which details are given throughout Report) showing comparison with Statistics for previous two years.

A. INSPECTION.

Type.	Cases 1960	Cases 1959	Cases 1958
Systematic Examinations (<i>page 37</i>) ...	53,301	50,545	51,921
Systematic Examinations— Special Schools (<i>page 37</i>)	954	937	1,140
Other Examinations in Schools (<i>page 38</i>) ...	68,234	67,541	68,869
Other Examinations mainly in Clinics (<i>page 38</i>)	34,805	34,687	30,695
Cleanliness Examinations (<i>page 38</i>) ...	159,332	150,630	148,248
Dental Inspections (<i>page 64</i>)	49,954	49,492	42,012
Totals ...	366,580	353,832	342,885

B. TREATMENT.

Disease or Defect.	Cases			Attendances		
	1960	1959	1958	1960	1959	1958
<i>(a) MINOR AILMENTS—</i>						
EAR—						
Examined only ...	1,085	913	935	} 25,578	26,994	25,973
Clinic Treatment ...	2,063	2,147	1,954			
Aurists' Examinations	973	771	965	973	771	965
Aurists' Classifications	62	47	44	62	47	44
Audiometric Survey	1,393	1,755	944	1,415	1,786	945
<i>(pages 19 and 85)</i>	5,576	5,633	4,842	28,028	29,598	27,927
EYE						
<i>(page 21)</i>	1,962	2,108	2,058	15,136	16,541	15,830
SKIN—						
Cuts, minor injuries, etc.	3,914	3,833	3,673	} 140,643	129,094	109,485
Clinic Treatment ...	14,079	13,012	11,396			
Cleansing Clinics ...	327	246	288	660	452	537
Ringworm—Head ...	—	—	8	—	—	8
Body ...	34	61	30	<i>Included under " Clinic Treatment " above</i>		
Scabies Baths ...	<i>*(2,068)</i>	<i>*(1,908)</i>	<i>*(1,462)</i>	8,008	8,314	6,911
<i>(page 21)</i>	18,354	17,152	15,395	149,311	137,860	116,941
<i>(b) DEFECTIVE VISION</i>						
Clinic Treatment ...	6,672	7,684	7,766	7,548	8,535	8,775
Spectacles supplied ...	4,255	4,889	4,683	6,561	7,041	6,580
<i>(page 22)</i>	10,927	12,573	12,449	14,109	15,576	15,355

* Cases are included under " clinic treatment " but attendances are shown separately.

Disease or Defect.	Cases			Attendances		
	1960	1959	1958	1960	1959	1958
(c) <i>EAR, NOSE AND THROAT—</i>						
Aurists' Examinations	968	1,311	775	1,000	1,387	875
Tonsils and Adenoids Operations ...	810	1,183	974	2,724	3,990	3,227
Other Operations ...	79	69	46	79	69	46
(page 23)	1,857	2,563	1,795	3,803	5,446	4,148
(d) <i>ORTHOPAEDIC—</i>						
Examined only ...	1,261	1,422	1,280	1,261	1,428	1,280
Treated by Exercises	1,013	1,017	839	17,419	16,664	14,812
Treated in Spastic Unit	37	32	31	2,832	3,597	2,760
(page 27)	2,311	2,477	2,150	21,512	21,689	18,852
(e) <i>OTHER DISEASES—</i>						
General ...	7,007	6,536	5,820	24,045	22,462	17,840
Supply of Medicines	1,877	1,629	1,651	16,123	16,421	14,417
Artificial Light ...	1,148	946	1,285	16,167	14,456	17,246
Cardiac Cases ...	140	111	82	314	284	292
(page 28)	10,172	9,222	8,838	56,649	53,623	49,795
(f) <i>DENTAL—</i>						
Ordinary ...	15,160	*16,328	*15,613	48,250	*51,757	*48,494
Orthodontic ...	*342	277	368	*4,840	3,994	3,127
(page 65)	15,502	16,605	15,981	53,090	55,751	51,621
(g) <i>REMAND HOME ...</i> (page 76)	324	263	282	324	263	282
(h) <i>DEFECTIVE SPEECH ...</i> (pages 27 and 77 to 81)	1,611	1,113	1,361	14,067	15,913	17,273
(i) <i>OCCUPATIONAL THERAPY ...</i> (page 27)	32	27	30	1,015	1,263	1,250
TOTALS ...	68,628	69,736	65,181	357,044	353,523	319,274

* Includes cases dealt with at ordinary clinics for orthodontic purposes.

APPENDIX VII.—NURSERY SCHOOLS AND DAY NURSERIES

See Report for 1959, page 95.

At the end of July, 1960, the Education Department was responsible for the administration of 45 Nursery Schools and Classes having places for 1,886 children and of Southannan Residential Nursery School, Fairlie and Duncutha Nursery School, Kirn, where 36 and 24 children respectively were accommodated. On the same date, the Health and Welfare Department had under its management 16 Day Nurseries with approximately 736 places and one 24-hour Day Nursery for 40 children whose mothers worked on nightshifts.

During the year ended 31st July, 1960, children in the nursery schools to the number of 1,182 (575 boys and 607 girls) were subjected to "routine inspection," 2,083 were medically examined at the request of teachers, and 91 were re-inspected. The results of these examinations are detailed below.

ROUTINE INSPECTION

(i) *Numbers and Percentages of Children Suffering from Defects*
(see Table II, page 42 for full details of headings).

Nature of defects found	1960			1959	1958
	Boys	Girls	Totals	Totals	Totals
Unsatisfactory clothing ...	—	2	2 (0.2%)	2 (0.2%)	1 (0.1%)
Uncleanliness of head (nits) ...	5	20	25 (2.1%)	37 (3.5%)	32 (2.9%)
Skin conditions of head or body ...	32	23	55 (4.7%)	64 (6.1%)	55 (5.1%)
Defective nutrition ...	4	9	13 (1.1%)	22 (2.1%)	19 (1.7%)
Mouth and teeth unhcalthy ...	1	3	4 (0.3%)	10 (0.9%)	3 (0.3%)
Naso-pharyngeal conditions ...	91	77	168 (14.2%)	197 (18.6%)	191 (17.6%)
Eye diseases (including strabis- mus) ...	27	34	61 (5.1%)	49 (4.6%)	47 (4.3%)
Dcfective vision ...	6	7	13 (1.1%)	9 (0.9%)	9 (0.8%)
Ear disease (including defective hearing) ...	3	—	3 (0.2%)	4 (0.4%)	4 (0.4%)
Defective speech ...	13	5	18 (1.5%)	9 (0.9%)	16 (1.5%)
Mental and nervous conditions ...	2	5	7 (0.6%)	4 (0.4%)	6 (0.6%)
Defects of circulatory system ...	7	10	17 (1.4%)	19 (1.8%)	9 (0.8%)
Pulmonary conditions ...	47	39	86 (7.3%)	88 (8.3%)	65 (6.0%)
Deformities ...	22	13	35 (3.0%)	38 (3.6%)	35 (3.2%)
Other diseases or defects ...	10	18	28 (2.4%)	27 (2.6%)	36 (3.3%)

(ii) *Classification of Children according to Remediability of Major Defects Found in the Individual Child (see Table III, page 56, for full details of headings)*

Classification	1960			1959	1958
	Boys	Girls	Totals	Totals	Totals
Free from defects	362	412	774 (65.5%)	627 (59.3%)	674 (61.9%)
Defects of mouth and teeth only	4	2	6 (0.5%)	7 (0.7%)	1 (0.1%)
Temporary ailments	133	133	266 (22.5%)	283 (26.8%)	272 (25.0%)
"Curable" defects	47	43	90 (7.6%)	95 (9.0%)	100 (9.2%)
"Improvable" defects	29	14	43 (3.6%)	44 (4.2%)	41 (3.8%)
Defects "not improvable" ...	—	3	3 (0.3%)	—	—
Totals	575	607	1,182	1,056	1,088

(iii) *Additional Information*

Parents were notified of defects found in 305 instances, 63 (5.3 *per cent.*) of these being due to clothing, cleanliness, or minor dental defects, and 242 (20.5 *per cent.*) being in respect of other defects. School Medical Officers also noted 65 cases (5.5 *per cent.*) for re-inspection as a result of defects observed in clothing or cleanliness, or for minor dental defects, and 397 children (33.6 *per cent.*) having other defects. "Sound teeth" was recorded in 991 cases (83.8 *per cent.*), 872 pupils (73.8 *per cent.*) were recorded as having had complete diphtheria immunisation and 686 (58.0 *per cent.*) as having been successfully vaccinated or re-vaccinated against smallpox.

INSPECTION OF NON-ROUTINE CASES

Children to the number of 2,083 were presented for inspection on account of defects observed or suspected by teachers. The individual results were as follows :—

Head infestation, 5 ; skin conditions, 155 ; eye conditions, 478 ; ear, nose and throat defects, 155 ; "general" defects, 934 ; defective teeth, 18 ; no apparent disease, 207 ; and other causes, 131.

RE-INSPECTION OF "ABNORMAL" CASES

91 pupils were re-inspected during the Session.

APPENDIX VIII.—PREVENTION OF TUBERCULOSIS

See Report for 1959, pages 97 to 101.

B.C.G. Vaccination

The annual campaign in schools was conducted in November and December, 1959, and the results are given below with relative figures for the two previous years.

		1959	1958	1957
Total schools visited ...	...	116	118	119
Total forms issued ...	...	16,572	14,256	13,919
Parental consents granted ...	...	15,378	11,624	11,613
Total absent ...	...	686	441	1,238
Total number tested ...	...	14,692	11,183	10,375

MANTOUX RESULTS

		1959			1958	1957
		Boys	Girls	Total	Total	Total
Positive ...	...	1,527	1,547	3,074	2,762	2,841
Negative ...	...	5,693	5,925	11,618	8,421	7,534

VACCINATIONS

	1959			1958	1957
	Boys	Girls	Total	Total	Total
	5,675	5,907	11,582	8,364	7,519

Mass Radiography

The School Health Service continued to arrange with the Mass Radiography Centre at Elmbank Street for the X-raying of pupils attending Glasgow schools. Due to possible danger from radiation, however, miniatures were discontinued at the end of the 1959 Session and, in the period under review, large films only were taken from children who gave a positive Mantoux reaction during the annual campaign.

Pupils to the number of 2,856 (1,399 boys and 1,457 girls) were examined during the year ending 31st July, 1960. Details of the abnormalities found and particulars of the action taken are shown in the table on page 74.

Exclusive of children with evidence of a past primary infection, 27 per thousand of the 1,399 boys and 41·1 per thousand of the 1,457 girls were found to have adult type pulmonary tuberculosis. The active rates were, 6·2 for boys, 8·2 for girls and 7·3 per thousand in the sexes combined. Comparative rates for the previous year were, 2·1, 3·7 and 2·7, the concentration on Mantoux positive reactors being mainly responsible for the higher incidence in 1960.

ABNORMALITIES FOUND AND ACTION TAKEN BY MASS RADIOGRAPHY UNIT

	No action after investigation		Referred to own doctor		Treatment at home		Out patient treatment		Observation		Sent to Hospital		Defaulted at Chest Clinic		Total number examined (and rate per thousand)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
PULMONARY TUBERCULOSIS—																
Active ...	—	—	—	—	1	3	1	5	1	—	3	4	—	—	6 (4.2)	12 (8.2)
? Active ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1 (0.7)	—
Tuberculous pleurisy ...	—	—	—	—	—	—	—	—	—	—	2	—	—	—	2 (1.4)	—
Healed primary ...	6	6	2	—	2	—	2	2	7	5	—	—	1	1	18 (12.8)	14 (9.6)
Inactive ...	8	3	5	7	—	—	5	5	10	32	—	—	4	1	29 (20.7)	48 (32.9)
TOTALS																
	17	11	8	11	1	4	5	12	22	44	5	4	6	2	61 (48.7)	88 (60.3)
OTHER PULMONARY ABNORMALITIES—																
Bronchiectasis ...	—	—	—	1	—	1	—	—	2	2	—	—	—	—	2 (1.4)	4 (2.7)
Hodgkin's disease ...	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1 (0.6)	1 (0.3)
Pneumonic condition ...	2	1	—	—	—	—	—	—	—	1	—	—	—	—	2 (1.3)	4 (1.4)
Pulmonary fibrosis ...	1	—	1	1	—	—	—	—	1	1	—	—	—	—	3 (2.1)	5 (1.7)
Pleural thickening ...	—	—	—	1	—	—	—	—	—	1	—	—	—	—	2 (1.3)	2 (0.7)
Not yet diagnosed ...	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1 (0.7)	2 (0.7)
TOTALS																
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2 (1.3)	2 (0.7)
CARDIAC ABNORMALITIES—																
Acquired heart condition ...	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS																
	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS																
	17	11	8	11	1	4	5	12	22	44	5	4	6	2	61 (48.7)	88 (60.3)
TOTALS																
	17	11	8	11	1	4	5	12	22	44	5	4	6	2	61 (48.7)	88 (60.3)

Teachers' Sick Pay Regulations

During the year ended 31st July, 1960, teachers to the number of 4,658 (1,961 males and 2,697 females), were X-rayed out of a total of 6,999 on the roll.

The numbers recalled for large film were 36 men and 41 women, the diagnoses being as shown :—

	Males	Females
Active Pulmonary Tuberculosis	1	2
Inactive Pulmonary Tuberculosis (including calcified or fibrotic conditions)	17	9
Inactive Pulmonary Tuberculosis (pleural thickening)	5	9
Neoplasm	—	1
No apparent defect	13	20
Totals	36	41

Since the Teachers' Sick Pay Scheme was inaugurated, 95 teachers had been found to be suffering from active Pulmonary Tuberculosis, and 10 of these were still off duty. The remainder had resumed normal teaching duties.

Other Adult Employees

X-raying at the Mass Radiography Centre, Elmbank Street, was continued in respect of candidates for employment in any of the following posts :—dining room attendants, special school van attendants, school milk attendants and nursery school assistants, the results being as shown below.

Dining room attendants :—Candidates numbered 400 and, of these, 27 were recalled for large film and 7 were not appointed as a result of their X-ray reports. Of the remaining 20, 4 were being kept under observation at chest clinics and 6 had to be X-rayed annually at Elmbank Street.

Special school van attendants :—Of the 31 persons X-rayed, 4 were recalled for large film and, of the latter number, 3 were to be X-rayed annually at Elmbank Street.

School milk attendants :—Of the 16 persons X-rayed, 2 were recalled for large film and, as a result of the X-ray, one was attending a chest clinic.

Nursery school staff:—Annual X-raying of nursery schools' staffs was initiated in June, 1960—previously such employees were only X-rayed prior to appointment. Of the 231 examined, 5 were recalled for large film and, as a result, 3 were attending chest clinics.

APPENDIX IX.—MEDICAL SUPERVISION OF REMAND HOME

See Report for 1959, page 101.

During the year ended 31st July, 1960, 1,576 boys and 33 girls were admitted to the Home and during the same period there were 3,972 medical examinations. Children found to be suffering from various ailments were, on the advice of the visiting School Medical Officer, disposed of as follows :—

Treated in the Home, 308 ; treated at clinic, 12 ; X-rayed, 3 ; removed to hospital, 1.

APPENDIX X.—DIPHTHERIA IMMUNISATION CAMPAIGN

See Report for 1959, page 102.

In the Table below, details are provided showing (i) the numbers of injections administered in schools (as compiled from the returns of School Medical Officers) during the period of the "drive" and (ii) the numbers recorded at the regular clinics during the year ending 31st July, 1960.

	At Schools.			At Clinics.		
	Under 5 years.	Over 5 years.	Totals.	Under 5 years.	Over 5 years.	Totals.
1st Injections ...	155	10,089	10,244	8,312	27	8,339
2nd Injections ...	76	9,779	9,855	Not available		
3rd Injections ...	67	8,692	8,759	6,913	100	7,013
Re-inforcing Doses ...	30	22,799	22,829	100	243	343
Totals ...	328	51,359	51,687	Not available		

APPENDIX XI.—*SPEECH THERAPY*

See Report for 1959, page 103.

During the Session speech therapy was instituted at the Stuart Laidlaw Clinic, Drumchapel.

The Tables on the following pages give summarised information regarding the work of the speech therapists during the year ended 31st July, 1960, showing separately the details in respect of children : (i) in schools for the physically handicapped, (ii) in schools for the mentally handicapped, (iii) attending ordinary schools, and (iv) attending ordinary schools but treated in Florence Street and Stuart Laidlaw Clinics.

Pre-school children to the number of 27 were seen at Florence Street, 5 being given advice only and the remainder receiving a total of 374 treatments ; home visits were paid in 4 instances and 3 cases were discharged as satisfactory or improved. In addition 3 cases from Occupational Centres were treated at Florence Street, receiving a total of 42 treatments.

Information regarding the cases treated in the Spastic Unit is given on page 27.

(i) CASES OF SPEECH DEFECT TREATED IN SCHOOLS AND CLASSES FOR THE PHYSICALLY HANDICAPPED DURING THE YEAR ENDED
31ST JULY, 1960.

Details of Cases	Advice only	Cases Treated		Number of Treatments		DISCHARGED								Cases Remaining on Treatment	
						Satisfactory		Improved		Unsatisfactory		Failed to Co-operate		Transferred	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Stutter	—	5	1	101	15	—	—	—	—	—	—	—	—	3	—
Dyslalia—															
Multiple	1	10	2	113	4	—	—	1	—	—	1	—	—	3	—
Simple	1	2	1	15	30	2	1	—	—	—	—	—	—	—	—
Idioglossia	—	1	—	38	—	—	—	—	—	—	—	—	—	1	—
Delayed Speech	—	3	2	47	15	—	—	—	—	—	—	—	—	3	2
Cleft Palate	—	1	5	2	70	—	—	1	—	—	—	—	—	—	3
Dysphonia	—	1	—	30	—	—	—	1	—	—	—	—	—	—	—
Dysphasia	—	2	1	11	18	—	—	—	—	—	—	—	—	1	1
Dysarthria	—	5	2	81	71	1	1	—	—	—	—	—	—	2	—
Tracheotomy	—	1	—	14	—	—	—	—	—	—	—	—	—	—	—
Totals	2	31	14	452	223	3	2	3	—	—	1	—	2	13	5
		45		675											

Home visits—30.

(ii) CASES OF SPEECH DEFECT TREATED IN SCHOOLS AND CLASSES FOR THE MENTALLY HANDICAPPED DURING THE YEAR ENDED
31st JULY, 1960.

Details of Cases	Advice only	Cases Treated		Number of Treatments		DISCHARGED								Cases Remaining on Treatment			
		Boys	Girls	Boys	Girls	Satisfactory		Improved		Unsatisfactory		Failed to Co-operate		Transferred			
						Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls		
Stutter	—	32	19	557	324	1	1	1	1	—	—	1	—	16	10	13	7
Dyslalia—																	
Multiple	9	46	19	713	335	4	2	7	2	—	—	—	—	13	2	22	13
Simple	—	8	10	260	160	6	3	—	1	—	—	—	2	1	2	1	2
Idioglossia	—	3	—	41	—	—	—	—	—	—	—	—	—	1	—	2	—
Delayed Speech	—	6	6	125	86	—	—	—	—	—	—	—	—	—	2	6	4
Cleft Palate	—	3	3	50	47	—	—	—	—	—	—	—	—	1	1	2	2
Dysphonia	6	2	4	22	87	—	—	1	—	—	—	—	1	1	—	—	3
Dysphasia	—	6	6	144	105	—	—	2	—	—	—	—	—	3	5	1	1
Dysarthria	—	4	1	75	4	—	—	—	—	—	—	—	—	3	1	1	—
Totals	15	110	68	1,987	1,148	11	6	11	4	—	—	1	3	39	23	48	32
		178		3,135													

Home visits—78.

(iii) CASES OF SPEECH DEFECT (PUPILS IN ORDINARY SCHOOLS) TREATED FROM CHILD GUIDANCE CENTRES
DURING YEAR ENDED 31ST JULY, 1960

Details of Cases	Advice only	Cases Treated		Number of Treatments		DISCHARGED								Cases Remaining on Treatment	
						Satisfactory		Improved		Unsatisfactory		Failed to Co-operate		Transferred	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Stutter	11	157	58	1,194	275	7	5	69	10	7	10	10	13	7	9
Dyslalia—															
Multiple	11	299	163	2,062	1,260	129	77	33	21	11	7	10	—	18	6
Simple	8	172	63	401	174	141	57	13	—	—	—	—	—	10	—
Idioglossia	—	15	12	214	118	6	4	3	—	—	—	—	—	6	8
Delayed Speech	7	107	45	506	287	47	27	7	8	4	—	5	2	31	6
Cleft Palate	—	13	17	91	50	2	—	—	7	3	3	3	5	2	1
Dysphonia	3	19	8	102	142	4	—	2	6	3	—	3	—	4	2
Dysphasia	1	—	9	—	34	—	—	—	—	—	1	—	—	—	8
Dysarthria	—	7	2	115	16	2	—	4	2	—	—	—	—	—	—
Totals	41	789	377	4,685	2,356	338	170	331	54	28	21	31	20	72	18
		1,166		7,041										179	
														94	

Home visits—104; school visits—24.

(iv) CASES OF SPEECH DEFECT (PUPILS IN ORDINARY SCHOOLS) TREATED IN FLORENCE STREET AND STUART LAIDLAW CLINICS DURING YEAR ENDED 31ST JULY, 1960.

Details of cases	Advice only	Cases Treated		Number of Treatments		DISCHARGED								Cases Remaining on Treatment			
		Boys	Girls	Boys	Girls	Satisfactory		Improved		Unsatisfactory		Failed to Co-operate		Transferred			
						Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls		
Stutter	7	26	5	324	74	6	1	3	1	1	—	2	—	4	2	10	1
Dyslalia—																	
Multiple	10	36	13	320	120	2	—	1	2	—	1	2	1	14	4	17	5
Simple	1	9	2	123	22	4	—	1	—	—	—	1	—	2	—	1	2
Idioglossia	—	—	3	—	41	—	—	—	—	—	—	—	—	—	—	—	3
Delayed Speech	8	3	1	23	9	—	—	—	—	—	—	—	—	1	1	2	—
Cleft Palate	2	2	2	37	4	—	—	—	—	—	—	—	—	1	2	1	—
Dysphonia	2	5	3	68	23	—	—	—	—	—	—	—	—	—	—	5	3
Dysphasia	—	—	1	—	35	—	—	—	—	—	—	—	—	—	—	—	1
Dysarthria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	30	81	30	895	328	12	1	5	3	1	1	5	1	22	9	36	15
		111		1,223													

Home visits—28; school visits—26.

APPENDIX XII.—AUDIOMETRIC SURVEY

See Report, for 1959, page 107.

The staff remained intact and, therefore, with continuity of effort there had been consolidation of techniques based on increased experience which made for greater efficiency.

In the XIth Survey there was a fall in the number of children listed as "failed in sweep test." This was to be expected as the result of increased experience and technique of the audiometricians.

Many children failed to attend in the follow-up after this preliminary test and it was hoped to evoke a better response through visitation of the homes of defaulters by Health Visitors. In future planning of new clinics, also, the provision of facilities locally for conducting the initial Threshold Test could be considered with a view to removing the objection to long distance travelling sometimes expressed by residents in housing schemes on the outskirts of the city.

Educational reports from teachers and I.Q. and intelligence reports from clinical psychologists had been most willingly furnished. The Speech Reading Unit supplied reports for cases referred by the otologist for training and, there had been some small case conferences between members of staff. Although this type of meeting was time-consuming and therefore sporadic, it was the pattern of the future and could be visualised on a much larger scale involving all the personal elements represented, in order that the child might be scholastically placed to greater advantage.

The completed figures for Survey No. XI were not yet to hand, due to the long waiting list of children requiring tonsil and adenoid operation causing postponement of grading, as clearly a pure-tone test was of no great value where the child required this operation.

The figures for Survey No. X were complete, except for a few recalcitrants still to be tested, and on analysis showed that the number of Grade I children was 54 per thousand, based on those who completed the investigation. This proportion came within the expected figure issued by the Scottish Advisory Council. The non-routine cases in connection with Survey No. X on analysis as regards disposal, showed that about 50 per cent. of this group listed in "failed sweep test" were referred to the otologist. These were almost all of the younger age-group added to Survey at the request of Head Teachers, due to suspected hearing loss, and the result confirmed the necessity of lowering the age group of the Survey from nine years.

The members of the Unit manned a demonstration of audiometry held in the Stuart Laidlaw Clinic, Drumchapel, in connection with a Health Week there and the public were most interested.

A summary of the work done, in connection with Survey No. XI throughout the year is as follows :—

Survey No. XI (children born in 1950).

	Routine	Non-routine	Total
No. "sweep " tested in schools	15,141	275	15,416
No. failed in "sweep " test	1,425	120	1,545
No. examined by School Medical Officer ...	Routine+Non-routine		1,035
No. recommended for Threshold test by School Medical Officer	Routine+Non-routine		1,033
No. Threshold tested	712	58	770
No. awaiting treatment before having Threshold test (including 89 for tonsils and adenoids operation)	Routine+Non-routine		180
No. did not attend for Threshold test	Routine+Non-routine		83
No. retested	47	2	49
No. of schools visited	—	—	240

Of the 770 given the pure-tone test at the Audiometric Clinic, 116 (63 boys and 53 girls) were referred to the Consulting Aurist, 299 (180 boys and 119 girls) were recorded as Grade I, and 186 (100 boys and 86 girls) were considered to have normal hearing ; the remainder were, at the end of the school year, awaiting retest (140) or grading (29). The Consultant, in the same period, classified 14 of the cases referred, 10 (8 boys and 2 girls) as Grade I, 3 (1 boy and 2 girls) as I/IIA, and 1 (boy) as IIA.

Brought forward from Session 1959 were 188 children of Survey X who were dealt with as follows :—

51 (28 boys and 23 girls) were referred to the Consulting Aurist, 83 (40 boys and 43 girls) were classified as Grade I and 20 (10 boys and 10 girls) as Normal. Of the remainder, at the end of the year 1960, 15 were awaiting testing or retesting, 16 were for grading and 3 had repeatedly failed to attend. In the same period, the Consultant classified 69 cases, 50 (26 boys and 24 girls) as Grade I, 2 (boys) as I/IIA, and 17 (13 boys and 4 girls) as IIA.

MEDICAL EXAMINATION RESULTS

The table on page 85 shows the number of children summoned to clinic during the year for examination, the numbers who attended and a summary of the recommendations.

TREATMENT

The results of some of the special forms of treatment and investigation are given below

Ear, Nose and Throat Operations. Over the period, 68 children (27 boys and 41 girls) had tonsils and/or adenoids removed in one or other of the hospitals.

Audiograms. Audiograms totalling 159 (in respect of 92 boys and 67 girls) were completed during the Session at Florence Street Audiometric Clinic.

Hearing Aids. Children to the number of 16 (11 boys and 5 girls) were referred during the year to the Hearing Aid Clinic and 10 (9 boys and 1 girl) were supplied with instruments.

DISPOSAL

In the course of the Session a number of cases were passed to the Education Department (Special Schools Section) for disposal in respect of their educational needs, most of them having been graded according to the degree of hearing loss. These cases are listed in the following Table under the various Audiometric Surveys.

	Survey Number.							Total
	V	VI	VII	VIII	IX	X	XI	
Reason for disposal— Graded according to degree of hearing loss 	1	9	15	25	34	134	12	230
Parent intimated private treatment being obtained	1	5	2	3	2	11	5	29
Over school age—referred to E.N. and T. Hospital ...	1	1	1	—	—	—	—	3
Transferred to other local authorities, institutions, etc.	1	—	—	1	—	—	—	7

DETAILS OF E.N.T. EXAMINATIONS DURING YEAR ENDED 31ST JULY, 1990.

	Survey No. V		Survey No. VI		Survey No. VII		Survey No. VIII		Survey No. IX		Survey No. X		Survey No. XI		Pilot Scheme		Totals	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
SUMMONSES—																		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
First Examination
Re-examination
ATTENDANCES—																		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
First Examination
Re-examination
Not examined
RECOMMENDATIONS—																		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clinic treatment (Ear)
Clinic treatment and audiogram
Tonsils and adenoids operation
Audiogram
Specialist examination
X-ray examination
Hospital treatment
Hearing Aid
Front seat in class
Lip reading
Other recommendations

APPENDIX XIII.—MORTALITY OF SCHOOL CHILDREN.

*Deaths During Year ended 31st July, 1960,
of Children Aged 5-15 Years.*

Cause of Death	5-10 years		10-15 years		All Ages		1960	1959	1958
	Boys	Girls	Boys	Girls	Boys	Girls	Totals	Totals	Totals
Tuberculosis—									
Respiratory ...	—	—	—	—	—	—	—	—	—
Meningeal ...	—	—	—	—	—	—	—	1	3
Abdominal ...	—	—	—	—	—	—	—	—	—
Others ...	—	—	1	—	1	—	1	—	—
Infectious Diseases—									
Diphtheria ...	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis	—	—	—	—	—	—	—	—	—
Measles ...	—	—	—	—	—	—	—	1	—
Dysentery ...	1	—	—	—	1	—	1	—	—
Chickenpox ...	—	—	—	—	—	—	—	—	—
Others ...	—	—	—	—	—	—	—	1	1
Mental and Nervous Diseases—									
Epilepsy ...	—	—	1	—	1	—	1	2	—
Cerebral Diplegia ...	—	—	—	—	—	—	—	1	3
Meningitis (non- Meningococcal) ...	—	—	—	—	—	—	—	—	—
Others ...	—	2	3	1	3	3	6	10	10
Circulatory Diseases—									
Rheumatic Fever ...	—	2	1	—	1	2	3	—	1
Chronic Rheumatic Heart Disease ...	—	—	—	—	—	—	—	1	1
Other Heart Diseases	1	—	1	1	2	1	3	—	—
Other Circulatory Diseases ...	—	—	—	—	—	—	—	1	—
Respiratory Diseases—									
Influenza ...	—	—	—	—	—	—	—	—	5
Pneumonia ...	1	1	—	—	1	1	2	4	1
Bronchitis ...	—	—	—	—	—	—	—	2	2
Others ...	—	1	—	1	—	2	2	1	—
Digestive Diseases—									
Enteritis and Colitis	—	—	—	—	—	—	—	—	—
Appendicitis ...	—	—	1	1	1	1	2	1	4
Others ...	1	—	—	—	1	—	1	3	—
Violence—									
Road Traffic Acci- dents ...	10	—	3	2	13	2	15	15	9
Other Violent Causes	12	2	3	1	15	3	18	17	17
Other Diseases—									
Malignant Neoplasms	3	3	2	3	5	6	11	8	8
Benign and Unspeci- fied Neoplasms ...	—	—	1	—	1	—	1	4	2
Diabetes Mellitus ...	—	—	—	—	—	—	—	—	—
Anaemias ...	—	—	—	—	—	—	—	—	—
Congenital Malfor- mations ...	4	1	—	1	4	2	6	5	6
Nephritis and Neph- rosis ...	—	—	—	—	—	—	—	4	2
All Other Causes ...	1	2	1	2	2	4	6	3	3
Totals ...	34	14	18	13	52	27	79	85	78

APPENDIX XIV.—SOCIAL GROUP AND MEDICAL REMEDIABILITY CLASS.

By analysing the information obtained at systematic medical inspection it is possible to show the comparative health conditions of children belonging to each of the so-called Social Groups. In the following table, therefore, the occupations of the parents have been arranged in five groups and related to the medical remediability classifications of Table III.

Numbers and Percentages of Children in Ordinary Schools Placed in Various Medical ("Remediability") Classes Arranged According to Social Group of Parent.

Social Group of Parent	1		2		3		4		5		Totals	
	Professional		Clerical		Skilled		Semi-Skilled		Labouring			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
I Children free from defects (other than clothing, cleanliness or minor dental defects)	697	77·8	5,706	74·9	12,251	68·9	10,447	65·8	6,756	60·7	35,857	67·3
II Children suffering only from slightly defective vision and/or oral sepsis	39	4·4	381	5·0	963	5·4	906	5·7	760	6·8	3,049	5·7
III Children suffering from temporary defects (other than in II)	80	8·9	733	9·6	2,257	12·7	2,278	14·4	1,886	17·0	7,234	13·6
IV Children suffering from curable or improvable defects	78	8·7	795	10·4	2,282	12·8	2,199	13·9	1,707	15·3	7,061	13·2
V Children suffering from defects not considered improvable	2	0·2	8	0·1	35	0·2	32	0·2	23	0·2	100	0·2
Total Numbers of Children Examined	896	100·0	7,623	100·0	17,788	100·0	15,862	100·0	11,132	100·0	53,301	100·0

Perusal of the statistics in the table reveals the following :—

- (1) The percentage of children free from defects (Class I) was greatest for Social Group 1 (Professional) and diminished progressively for each of the remaining groups.
- (2) Percentages in Classes II, III and IV increased consistently from Social Group 1 to 5.

